

Názov verejnej súťaže:

Modernizácia, rozširovanie a poskytovanie servisných služieb mestského kamerového systému hlavného mesta SR Bratislavy

Obsah ponuky

- 1_Vypis_RPVS.pdf – výpis z registra partnerov verejného sektora K4FIN, s.r.o.
- 2_Vypis_ORSR.pdf – výpis z obchodného registra
- 3_Licencia_Technickej_sluzby.jpg – licencia technickej služby K4FIN, s.r.o.
- 4_Dokument na preukazanie splnenia podmienok ucasti.pdf – referencie a splnenie podmienky technickej spôsobilosti uchádzača
- 5_Zapis_zoznam_hospodarskych_subjektov.pdf
- 6_Navrh na plnenie kriteria a vykazy vymer.pdf
 - 6_1_vykaz_kamery.pdf (cenová tabuľka č.1 a č.2)
 - 6_2_vykaz_VDG.pdf (cenová tabuľka č. 3 a č. 4)
 - 6_3_vykaz_servis.pdf (cenová tabuľka č.5)
 - 6_4_vykaz_lokalny_kamerovy_system.pdf (cenová tabuľka č.6)

Prílohy (datasheet kamery)

- 1_ip_ptz_kamera_typ_1_TC-H356S Spec-30XIEA.pdf
- 2_ip_ptz_kamera_typ_2_TC-H326S Spec 33X-I-E-A.pdf
- 3_ip_ptz_kamera_typ_3_TC-H326S Spec 33X-I-E-A.pdf
- 4_ip_pevna_kamera_typ_1_ids-2cd7a26g0_p-izhs(y)_en.pdf
- 5_ip_pevna_kamera_typ_2_ids-2cd7a26g0_p-izhs(y)_en.pdf
- 6_ip_pevna_kamera_typ_3_Tiandy 8 MPx STARLIGHT IP MOTO ZOOM bullet kamera TC-C38LS.pdf
- 7_ip_pevna_kamera_typ_4_Tiandy 8 MPx STARLIGHT IP MOTO ZOOM bullet kamera TC-C38LS.pdf
- 8_ip_pevna_kamera_typ_5_Tiandy 8 MPx STARLIGHT IP bullet kamera TC-C38JS.pdf
- 9_ip_pevna_kamera_typ_6_Tiandy 8 MPx STARLIGHT IP bullet kamera TC-C38JS

alternatívne možno vzhľadom na nedostatok na trhu dodať aj tieto kamery:

alternativa_ip_pevna_kamera_typ_3_typ_4TC-C38TS Spec-I8-A-E-Y-M-H-2.7-13.5mm.pdf

alternativa_ip_pevna_kamera_typ_4_DS-2CD3656G2T-IZS-C_Datasheet_V5.5.112_20210224.pdf

alternativa_ip_pevna_kamera_typ_5_DS-2CD3025G0-IB_datasheet_V5.6.0_20200317

alternativa_ip_pevna_kamera_typ_6_DS-2CD3045G0-IB_datasheet_V5.6.0_20200317

IP kamera pre lokálny kamerový systém:

pevna_ip_kamera_s_konzolou_Tiandy 8 MPx STARLIGHT IP dome kamera TC-C38KS.pdf

Kompatibilita kamier overená so systémom VDG Sense vo verzii 2.6.7 (viď príloha)

| Všeobecne | Pokročilý | Klientske nastavenia | Stav servera | Nainštalované CarR krajiny |
|---------------------------|--|----------------------|--------------|----------------------------|
| Server version | 2.6.7 | | | |
| Registračné číslo | Erarnew 10pc | | | |
| Server ID | <input type="text" value="13560690921294514731"/> | | | |
| Krátky popis | <input type="text" value="Erarnew 10pc"/> | | | |
| Adresa riadiaceho servera | <input type="text" value="127.0.0.1"/> | | | |
| Cluster Status | <input type="button" value="Cluster management"/> | | | |
| Cluster | <input type="button" value="Join cluster"/> | | | |
| Stav Licencie | Licencia aktivovaná | | | |
| Informácie o licenci | <input type="button" value="Zobraz informácie o licenci"/> | | | |
| | <input type="button" value="Aktualizovať licenciu"/> | | | |
| | <input type="button" value="Deaktivuj licenciu"/> | | | |

Cenová ponuku vypracoval: Mgr. Jozef Krivaček

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Zhorínska 33, 841 03 Bratislava
IČO: 45427232
IČ DPH: SK2022976076
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- OFFICE/Showroom
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841 07 Bratislava
www.vidimvetko.sk

| | |
|--------------------------|---------------------------------|
| Obchodné meno uchádzača: | K4FIN, s.r.o. |
| Sídlo uchádzača: | Zhorínska 33, 841 03 Bratislava |
| Štatutárny zástupca: | Mgr. Jozef Krivaček |
| IČO: | 454 272 32 |
| IČ DPH: | SK2022976076 |
| Tel. číslo: | [REDACTED] |
| Email: | [REDACTED] |

Návrh na plnenie kritéria

| | Cena celkom za predmet zákazky v EUR bez DPH | Výška DPH | Cena celkom za predmet zákazky v EUR s DPH |
|-----------------|--|-------------|--|
| návrh uchádzača | 179 939,20 € | 35 987,84 € | 215 927,04 € |

Som – platiteľom DPH

V Bratislave , dňa 16.06.2021

[REDACTED]
podpis uchádzača

VÝKAZ KAMERY

Cenová tabuľka č. 1

| P.č. | Názov | predpokladané množstvo | merná jednotka | jednotková cena bez DPH | cena bez DPH | DPH | Cena s DPH |
|---------------------------|---|------------------------|----------------|-------------------------|--------------------|-------------------|--------------------|
| 1 | Demontáž kamery | 10 | ks | 10 | 100,00 € | 20,00 € | 120,00 € |
| 2 | Montáž a programovanie novej kamery s pripojením na server | 50 | ks | 22 | 1 100,00 € | 220,00 € | 1 320,00 € |
| 3 | Inštalácia OR (plastová krabica s panelom do outdoor skrine) | 50 | ks | 22 | 1 100,00 € | 220,00 € | 1 320,00 € |
| 4 | Zváranie v OR outdoor | 30 | ks | 6 | 180,00 € | 36,00 € | 216,00 € |
| 5 | Inštalácia optického prevodníku | 30 | ks | 2 | 60,00 € | 12,00 € | 72,00 € |
| 6 | Zatiahnutie optického kábla | 3000 | m | 0,98 | 2 940,00 € | 588,00 € | 3 528,00 € |
| 7 | Inštalácia - Kruhový vodič 8 FeZn | 1000 | m | 0,98 | 980,00 € | 196,00 € | 1 176,00 € |
| 8 | Inštalácia rozvodnice | 30 | ks | 3 | 90,00 € | 18,00 € | 108,00 € |
| 9 | Inštalácia transformátora pre kameru | 30 | ks | 3 | 90,00 € | 18,00 € | 108,00 € |
| 10 | Inštalácia PoE napájania s výstupom na optiku | 30 | ks | 3 | 90,00 € | 18,00 € | 108,00 € |
| 11 | Zatiahnutie elektrického kábla | 1000 | m | 1,13 | 1 130,00 € | 226,00 € | 1 356,00 € |
| 12 | Krimpovanie konektorov RJ45 | 30 | ks | 0,5 | 15,00 € | 3,00 € | 18,00 € |
| 13 | Zatiahnutie štruktúrovaného kábla | 1000 | m | 1,13 | 1 130,00 € | 226,00 € | 1 356,00 € |
| 14 | Elektrická inštalácia a zapojenie | 30 | ks | 15 | 450,00 € | 90,00 € | 540,00 € |
| 15 | Pripojovacie svorky jednostranné so svorkou KS | 50 | ks | 1 | 50,00 € | 10,00 € | 60,00 € |
| 16 | Statický posudok na stĺp (verejného osvetlenia, trolejového vedenia) | 50 | ks | 170 | 8 500,00 € | 1 700,00 € | 10 200,00 € |
| 17 | Východzia odborná skúška | 30 | ks | 40 | 1 200,00 € | 240,00 € | 1 440,00 € |
| 18 | Projektová dokumentácia + inžinierska činnosť | 30 | ks | 50 | 1 500,00 € | 300,00 € | 1 800,00 € |
| 19 | Ostatné poskytnuté práce pre inštaláciu kamery (paušál) | 30 | ks | 20 | 600,00 € | 120,00 € | 720,00 € |
| 20 | Križovanie trolejového vedenia (spolupráca s DPB a.s, Vypnutie TV, práca v noci, prenájom izolovanej plošiny s osádkou) | 5 | h | 230 | 1 150,00 € | 230,00 € | 1 380,00 € |
| 21 | Geodetické zameranie | 30 | súbor | 170 | 5 100,00 € | 1 020,00 € | 6 120,00 € |
| Tabuľka č. 1 spolu | | | | | 27 555,00 € | 5 511,00 € | 33 066,00 € |

Cenová tabuľka č. 2

| P.č. | Názov | množstvo | merná jednotka | jednotková cena bez DPH | cena bez DPH | DPH | Cena s DPH |
|------|-------|----------|----------------|-------------------------|--------------|-----|------------|
|------|-------|----------|----------------|-------------------------|--------------|-----|------------|

| | | | | | | | |
|----|--|----|----|------|-------------|------------|-------------|
| 1 | 2.1.1 IP PTZ kamera typ 1 | 10 | ks | 1480 | 14 800,00 € | 2 960,00 € | 17 760,00 € |
| 2 | 2.1.2 IP PTZ kamera typ 2 | 10 | ks | 680 | 6 800,00 € | 1 360,00 € | 8 160,00 € |
| 3 | 2.1.3 IP PTZ kamera typ 3 | 5 | ks | 680 | 3 400,00 € | 680,00 € | 4 080,00 € |
| 4 | 2.1.4 IP pevná kamera typ 1 | 5 | ks | 886 | 4 430,00 € | 886,00 € | 5 316,00 € |
| 5 | 2.1.5 IP pevná kamera typ 2 | 5 | ks | 886 | 4 430,00 € | 886,00 € | 5 316,00 € |
| 6 | 2.1.6 IP pevná kamera typ 3 | 5 | ks | 100 | 500,00 € | 100,00 € | 600,00 € |
| 7 | 2.1.7 IP pevná kamera typ 4 | 5 | ks | 280 | 1 400,00 € | 280,00 € | 1 680,00 € |
| 8 | 2.1.8 IP pevná kamera typ 5 | 4 | ks | 160 | 640,00 € | 128,00 € | 768,00 € |
| 9 | 2.1.9 IP pevná kamera typ 6 | 1 | ks | 170 | 170,00 € | 34,00 € | 204,00 € |
| 10 | Skriňa (napr. Schneider Sarel Thalassa PLM (530x430x200), IP66 | 50 | ks | 65 | 3 250,00 € | 650,00 € | 3 900,00 € |
| 11 | Optická dome spojka pre min 24 vlákien na stĺp | 35 | ks | 38 | 1 330,00 € | 266,00 € | 1 596,00 € |
| 12 | Optická spojka - kazeta do zeme pre min 24 vlákien | 20 | ks | 56 | 1 120,00 € | 224,00 € | 1 344,00 € |
| 13 | Optický rozvádzač, Outdoor prevedenie | 50 | ks | 125 | 6 250,00 € | 1 250,00 € | 7 500,00 € |
| 14 | Vonkajší dome box -optická spojka pre 24 vlákien s ochranou spojov | 65 | ks | 38 | 2 470,00 € | 494,00 € | 2 964,00 € |
| 15 | Ochrana zvaru, zmršťovacia | 30 | ks | 1 | 30,00 € | 6,00 € | 36,00 € |
| 16 | Kazeta pre OR | 30 | ks | 5 | 150,00 € | 30,00 € | 180,00 € |
| 17 | Držiak zvarov pre kazetu do OR | 30 | ks | 1 | 30,00 € | 6,00 € | 36,00 € |
| 18 | Patchkabel SM SC/PC duplex 1m | 30 | ks | 5,5 | 165,00 € | 33,00 € | 198,00 € |
| 19 | Adaptér SC/PC DUPLEX, pre OR | 30 | ks | 2 | 60,00 € | 12,00 € | 72,00 € |
| 20 | Pigtail SC, SM, 1,5m SCPC901.5 | 30 | ks | 1,99 | 59,70 € | 11,94 € | 71,64 € |
| 21 | Optický modul LC konektorom pre single-mode komunikáciu o prenosovej rýchlosti 100 Mbps. Dosiahnutá vzdialenosť je 20 km | 30 | ks | 47 | 1 410,00 € | 282,00 € | 1 692,00 € |
| 22 | Optický modul LC konektorom pre single-mode komunikáciu o prenosovej rýchlosti 100 Mbps. Dosiahnutá vzdialenosť je 20 km protikus | 30 | ks | 47 | 1 410,00 € | 282,00 € | 1 692,00 € |
| 23 | Optický modul LC konektorom pre single-mode komunikáciu o prenosovej rýchlosti 1000 Mbps. Dosiahnutá vzdialenosť je 20 km | 20 | ks | 47 | 940,00 € | 188,00 € | 1 128,00 € |
| 24 | Optický modul LC konektorom pre single-mode komunikáciu o prenosovej rýchlosti 1000 Mbps. Dosiahnutá vzdialenosť je 20 km - protikus | 20 | ks | 47 | 940,00 € | 188,00 € | 1 128,00 € |
| 25 | Transformátor 230 VAC/24VAC | 30 | ks | 25,6 | 768,00 € | 153,60 € | 921,60 € |
| 26 | PoE zdroj s výstupom na optiku SM | 30 | ks | 63,5 | 1 905,00 € | 381,00 € | 2 286,00 € |

| | | | | | | | |
|---------------------------|---|------|----|------|--------------------|--------------------|--------------------|
| 27 | nemenežovateľný 4portový PoE switch, 4x 10/100 Mbps Base-T + 2x 100 Mbps uplink, celkovo na všetky porty max. 60 W, ochrana pred prepätím 2 kV | 10 | ks | 29 | 290,00 € | 58,00 € | 348,00 € |
| 28 | switch 3x 10/100 Mbps + 1x Gbit + 2x SFP Gbit, podpora PoE pre 4 porty, 4x PoE (IEEE802.3af/at), port 1–3 max. 30 W, port 4 max. 60 W, celkovo na všetky porty max. 120 W | 5 | ks | 136 | 680,00 € | 136,00 € | 816,00 € |
| 29 | Prepäťová ochrana | 65 | ks | 19,9 | 1 293,50 € | 258,70 € | 1 552,20 € |
| 30 | Elektrický kábel CYKY 3x2,5 | 100 | m | 1,2 | 120,00 € | 24,00 € | 144,00 € |
| 31 | Elektrický kábel CMSM 3Jx1,5 | 100 | m | 1,2 | 120,00 € | 24,00 € | 144,00 € |
| 32 | Istič 6A char.B | 30 | ks | 3,9 | 117,00 € | 23,40 € | 140,40 € |
| 33 | FTP cat5e indoor | 50 | m | 0,35 | 17,50 € | 3,50 € | 21,00 € |
| 34 | FTP cat5e outdoor | 100 | m | 0,9 | 90,00 € | 18,00 € | 108,00 € |
| 35 | Konektor RJ45 | 50 | ks | 0,2 | 10,00 € | 2,00 € | 12,00 € |
| 36 | Optický kábel , 24vl SM., zafukovací | 500 | m | 0,97 | 485,00 € | 97,00 € | 582,00 € |
| 37 | Optický kábel , 16vl SM., zafukovací | 500 | m | 0,89 | 445,00 € | 89,00 € | 534,00 € |
| 38 | Optický kábel závesný 24 vl SM samonosný | 1000 | m | 0,96 | 960,00 € | 192,00 € | 1 152,00 € |
| 39 | Optický kábel závesný 16 vl SM samonosný | 1000 | m | 0,86 | 860,00 € | 172,00 € | 1 032,00 € |
| 40 | Trubka ohybná PSM-E-MF | 250 | m | 0,39 | 97,50 € | 19,50 € | 117,00 € |
| 41 | Trubka pancierová Ø 32 | 250 | m | 0,69 | 172,50 € | 34,50 € | 207,00 € |
| 42 | Držiak káblovej rezervy na stožiar | 100 | ks | 11 | 1 100,00 € | 220,00 € | 1 320,00 € |
| 43 | Závesný hák samonosného kábla na stĺp | 30 | ks | 6 | 180,00 € | 36,00 € | 216,00 € |
| 44 | Závesný hák samonosného kábla na budovu | 30 | ks | 6 | 180,00 € | 36,00 € | 216,00 € |
| 45 | Podpera vedenia na ploché strechy dvojbodová - PV 21 beton/plast - 1,0kg | 100 | ks | 1,25 | 125,00 € | 25,00 € | 150,00 € |
| 46 | Kruhový vodič 8 FeZn | 1000 | m | 1,99 | 1 990,00 € | 398,00 € | 2 388,00 € |
| 47 | Pripojovacie svorky jednostranné so svorkou KS | 50 | ks | 2,99 | 149,50 € | 29,90 € | 179,40 € |
| 48 | Trubka priem 20 UV stabilná | 100 | m | 0,6 | 60,00 € | 12,00 € | 72,00 € |
| 49 | príchytky na stenu pre trubku UV stabilnú | 100 | ks | 0,25 | 25,00 € | 5,00 € | 30,00 € |
| 50 | príchytky na stĺp pre trubu UV stabilnú | 100 | ks | 0,25 | 25,00 € | 5,00 € | 30,00 € |
| Tabuľka č. 2 spolu | | | | | 68 450,20 € | 13 690,04 € | 82 140,24 € |

VÝKAZ VDG SENSE

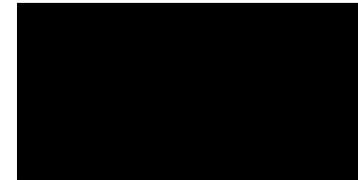
Cenová tabuľka č. 3

| PRÁCE | | | | | | | |
|---------------------------|--------------------------------------|------------------------|----------------|-------------------------|-------------------|-----------------|-------------------|
| P.č. | Názov | predpokladané množstvo | merná jednotka | jednotková cena bez DPH | cena bez DPH | DPH | cena spolu |
| 1. | Konfigurácia Sense servera | 1 | ks | 300,00 € | 300,00 € | 60,00 € | 360,00 € |
| 2. | Konfigurácia Sense pracovnej stanice | 10 | ks | 100,00 € | 1 000,00 € | 200,00 € | 1 200,00 € |
| 3. | Ostatné práce | 100 | h | 14,50 € | 1 450,00 € | 290,00 € | 1 740,00 € |
| Tabuľka č. 3 spolu | | | | | 2 750,00 € | 550,00 € | 3 300,00 € |

Cenová tabuľka č. 4

| VDG SENSE Hardware | | | | | | | |
|--------------------|---|------------------------|----------------|-------------------------|--------------|------------|-------------|
| P.č. | Názov | predpokladané množstvo | merná jednotka | jednotková cena bez DPH | cena bez DPH | DPH | cena spolu |
| 1. | Server - VDG Video server | | | | | | |
| 1.1 | NVH-2608XR Video server 19", xeon, 2U, SSD, 8-port, HS RAID, RPSU (min. konfigurácii) | 1 | ks | 3 700,00 € | 3 700,00 € | 740,00 € | 4 440,00 € |
| 1.2 | NVH-2608XRD Video server 19", dual xeon, 2U, SSD, 8-port, HS RAID, RPSU | 1 | ks | 6 500,00 € | 6 500,00 € | 1 300,00 € | 7 800,00 € |
| 1.5 | Extra 100/1000Mbps LAN interface | 4 | ks | 99,00 € | 396,00 € | 79,20 € | 475,20 € |
| 1.7 | Pro video server storage 8TB Pevný disk 3,5" , 256 MB cache, 7200 ot., Interface SATA 6 GB/sInterface transfer rate 600 MB/s, prevádzka 24/7 | 16 | ks | 245,00 € | 3 920,00 € | 784,00 € | 4 704,00 € |
| 1.8 | Pro video server storage 10TB Pevný disk 3,5" , 256 MB cache, 7200 ot., Interface SATA 6 GB/sInterface transfer rate 600 MB/s, prevádzka 24/7 | 16 | ks | 350,00 € | 5 600,00 € | 1 120,00 € | 6 720,00 € |
| 1.9 | Pro video server storage 12TB Pevný disk 3,5" , 256 MB cache, 7200 ot., Interface SATA 6 GB/sInterface transfer rate 600 MB/s, prevádzka 24/7 | 8 | ks | 490,00 € | 3 920,00 € | 784,00 € | 4 704,00 € |
| 2. | Pracovná stanica - VDG Video client | | | | | | |
| 2.1 | NVH-1001 Compact, i5, SSD, 1TB HDD (min. v konfigurácii) | 2 | ks | 1 500,00 € | 3 000,00 € | 600,00 € | 3 600,00 € |
| 2.2 | NVH-1101 Video client, i7, SSD (desktop/tower) | 8 | ks | 1 750,00 € | 14 000,00 € | 2 800,00 € | 16 800,00 € |
| 2.5 | NVH-QUAD Quad mini display port/DVI-D output | 8 | ks | 520,00 € | 4 160,00 € | 832,00 € | 4 992,00 € |

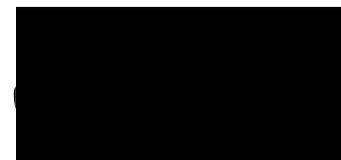
| | | | | | | | |
|---------------------------|--|----|----|----------|--------------------|--------------------|--------------------|
| 3 | Monitor 1 27" Full HD LED, 1920x1080, 24/7,VGA,DVI,HDMI,DP + kabel pre pripojenie k PC (min. 2 m) | 16 | ks | 165,00 € | 2 640,00 € | 528,00 € | 3 168,00 € |
| 4 | Monitor 2 55" Full HD LED, 1920x1080, 24/7,VGA,DVI,HDMI, kabel pre pripojenie k PC (min. 2 m) | 6 | ks | 650,00 € | 3 900,00 € | 780,00 € | 4 680,00 € |
| 4 | Monitor 3 60" Full HD LED, 1920x1080, 24/7,VGA,DVI,HDMI,DP kabel pre pripojenie k PC (min. 2 m) | 6 | ks | 890,00 € | 5 340,00 € | 1 068,00 € | 6 408,00 € |
| Tabuľka č. 4 spolu | | | | | 57 076,00 € | 11 415,20 € | 68 491,20 € |



VÝKAZ SERVIS

Cenová tabuľka č. 5

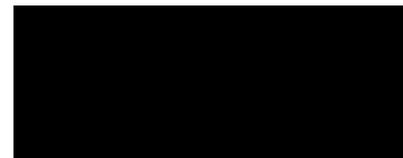
| PRÁCE | | | | | | | |
|---------------------------|---|------------------------|----------------|-------------------------|--------------------|-------------------|--------------------|
| P.č. | Názov | predpokladané množstvo | merná jednotka | jednotková cena bez DPH | cena bez DPH | DPH | Spolu s DPH |
| 1. | Cena za 1 hod. operatívneho servisu od 7:00 do 15:00 | 200 | h | 18,00 € | 3 600,00 € | 720,00 € | 4 320,00 € |
| 2. | Cena za 1 hod. operatívneho servisu od 15:00 do 7:00 a v sobotu | 30 | h | 21,00 € | 630,00 € | 126,00 € | 756,00 € |
| 3. | Cena za 1 hod. operatívneho servisu vo sviatok a v nedeľu | 30 | h | 29,00 € | 870,00 € | 174,00 € | 1 044,00 € |
| 4. | Servisná kontrola | 100 | kamera | 23,00 € | 2 300,00 € | 460,00 € | 2 760,00 € |
| 5. | Odborná prehliadka a odborná skúška | 50 | kamera | 49,00 € | 2 450,00 € | 490,00 € | 2 940,00 € |
| 6. | Prenájom montážnej plošiny výška do 12m | 130 | h | 19,00 € | 2 470,00 € | 494,00 € | 2 964,00 € |
| 7. | Prenájom montážnej plošiny výška nad 12m | 130 | h | 29,00 € | 3 770,00 € | 754,00 € | 4 524,00 € |
| Tabuľka č. 5 spolu | | | | | 16 090,00 € | 3 218,00 € | 19 308,00 € |



VÝKAZ LOKÁLNY KAMEROVÝ SYSTÉM

Cenová tabuľka č. 6

| PRÁCE | | | | | | | |
|---------------------------|---|----------|----------------|-------------------------|-------------------|-------------------|-------------------|
| P.č. | Názov | množstvo | merná jednotka | jednotková cena bez DPH | cena bez DPH | DPH | Spolu s DPH |
| 1. | Pevná IP kamera s konzolou | 10 | ks | 95,00 € | 950,00 € | 190,00 € | 1 140,00 € |
| 2. | NVR Systém | 8 | ks | 360,00 € | 2 880,00 € | 576,00 € | 3 456,00 € |
| 3. | POE switch | 10 | ks | 53,00 € | 530,00 € | 106,00 € | 636,00 € |
| 4. | Monitor k NVR | 8 | ks | 120,00 € | 960,00 € | 192,00 € | 1 152,00 € |
| 5. | Kábel FTP | 500 | m | 0,30 € | 150,00 € | 30,00 € | 180,00 € |
| 6. | Lišta na povrchové vedenie kabeláže 15x10mm | 500 | m | 1,00 € | 500,00 € | 100,00 € | 600,00 € |
| 7. | Iný inštalačný materiál | 8 | súbor | 50,00 € | 400,00 € | 80,00 € | 480,00 € |
| 8. | Práca (inštalácia, oživenie systému) | 64 | h | 19,50 € | 1 248,00 € | 249,60 € | 1 497,60 € |
| 9. | Dokumentácia, zaškolenie obsluhy | 8 | prípad | 50,00 € | 400,00 € | 80,00 € | 480,00 € |
| Tabuľka č. 6 spolu | | | | | 8 018,00 € | 1 603,60 € | 9 621,60 € |



Tiandy



TC-C38TS Spec: I8/A/E/Y/M/H/2.7-13.5mm 8MP Starlight Motorized IR Bullet Camera

Pro Series



KEY FEATURES

- Full Metal Housing
- Motorized Lens 2.7-13.5mm
- Up to 3840x2160@20fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.01Lux@F1.6
- Smart IR, IR Range: 80m
- Support Video Analytics
- Support Human/Vehicle Classification
- Support Face Capture Mode
- Audio I/O 1/1, alarm I/O 2/1
- Plugin Free
- Operating Conditions -35°C~65°C, 0~95% RH
- POE, IP67



Tiandy Technologies Co.,Ltd.

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Website: en.tiandy.com Fax: +86-22-58596048



SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.01Lux@ (F1.6, ACG ON), B/W: 0Lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | Bracket, pan 0~360°, tilt 0~75°, rotate 0~360° |
| Lens | |
| Lens Type | Motorized |
| Focus | 2.7-13.5mm |
| Lens Mount | Φ14 |
| Aperture | F1.6~F3.3, Fixed |
| FOV | Horizontal field of view: 102.7°~29° |
| Illuminator | |
| IR LEDs | 4 |
| IR Range | Up to 80m |
| Wavelength | 850nm |
| White/Warmlight LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | G.711A/G.711U/ADPCM/AAC |
| Audio Bit Rate | 8K~48Kbps |
| Image | |
| Max. Resolution | 3840×2160 |
| Main Stream | PAL: 20fps (3840×2160, 3072×2048), 25fps (2560×1440, 2304×1296, 1920×1080, 1280×720) NTSC: 20fps (3840×2160, 3072×2048), 30fps (2560×1440, 2304×1296, 1920×1080, 1280×720) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×480, 352×288) NTSC: 30fps (704×480, 704×240, 640×480, 352×240) |
| Third Stream | PAL: 25fps(1280×720, 704×576, 704×288, 640×360, 352×288) NTSC: 30fps(1280×720, 704×480, 704×240, 640×360, 352×240) |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC/Corridor Format |
| ROI | Support 8 fixed regions of coding |
| OSD | 16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 8 Regions |
| Picture Overlay | Yes |
| Privacy Mask | Yes, 8 regions |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception |
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, People Counting, On Duty Detection, Video Abnormal, Audio Abnormal, Heatmap, Face Capture(Face Detection), Safety Helmet Detection, Human/Vehicle Classification |
| Early Warning(EW) | N/A |



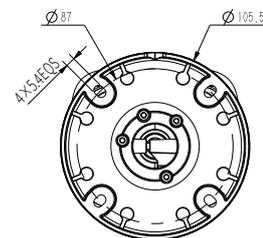
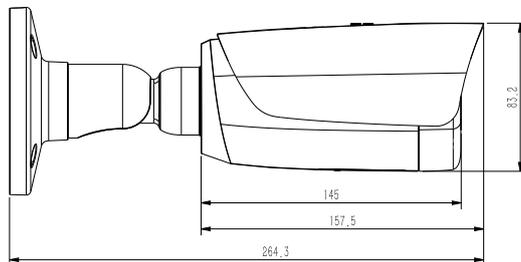
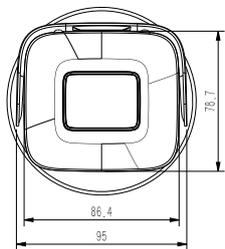
| Network | |
|-------------------------|---|
| ANR | Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, MULTICAST, UPnP, FTP, IPV4, NTP, SMTP, IGMP, 802.1x, QoS, IPV6, ARP, UDP, SNMP, SSL, SIP, Telnet, SNTP, RTMP, SFTP, NFS |
| System Compatibility | ONVIF (PROFILE S/T/G), SDK, Milestone, CGI, P2P |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/ 100M self adaptive Ethernet port, RS 485 |
| Audio | 1/1 |
| Alarm | 2/1 |
| Reset Button | Yes |
| On-board storage | Built-in Micro SD card slot, up to 512 GB |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Arabic, Vietnamese |
| Operating Conditions | -35°C ~ 65°C, 0 ~ 95% RH |
| Power Supply | DC12V±25%/PoE |
| Power Consumption | MAX: 8.5W (12V) MAX: 10W (PoE) |
| Protection | IP67, Lightning protection, surge protection and voltage transient protection meets EN 55035:2017 |
| Heater | N/A |
| Dimensions | 264.3×95×83.2mm (10.41×3.74×3.28inch) |
| Weight | 1.15kg (2.54lb) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-C38TS SPEC: I8/A/E/Y/M/H/2.7-13.5MM

DIMENSIONS (Unit: mm)



ACCESSORIES



A36
Pole Mount



A35
Corner Mount



TC-P54AM Spec: V4
Junction Box



A22
Junction Box

DISTRIBUTED BY



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DS-2CD3656G2T-IZS

AcuSense 5 MP Varifocal Bullet Network Camera



Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 5 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- False alarm reduction through human and vehicle target classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK10)
- 3D DNR technology delivers clean and sharp images



▪ Specification

| Camera | |
|------------------------|---|
| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Min. Illumination | Color: 0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| P/N | P/N |
| Wide Dynamic Range | 120 dB |
| Day & Night | IR cut filter |
| Power-off Memory | Yes |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Lens | |
| Lens Type | Varifocal lens, motor-driven lens, 2.7 to 13.5 mm and 7 to 35 mm optional |
| Iris Type | Auto-iris |
| Lens Mount | 2.7 to 13.5 mm: Ø14 7 to 35 mm: Integrated |
| Focal Length & FOV | 2.7 to 13.5 mm: horizontal FOV 103° to 32°, vertical FOV 73° to 24°, diagonal FOV 142° to 40° 7 to 35 mm: horizontal FOV 28° to 10°, vertical FOV 21° to 8°, diagonal FOV 35° to 13° |
| Aperture | 2.7 to 13.5 mm: F1.4 7 to 35 mm: F1.6 |
| DORI | |
| DORI | 2.7 to 13.5 mm: D: 64 to 187 m, O: 25 to 74 m, R: 12 to 37 m, I: 6 to 18 m 7 to 35 mm: D: 200 to 580 m, O: 79 to 230 m, R: 40 to 116 m, I: 20 to 58 m |
| Illuminator | |
| Supplement Light Type | IR |
| IR Range | 2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m |
| IR Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Video | |
| Max. Resolution | 2592 × 1944 |
| Main Stream | 50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) |
| Third Stream | 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. |
| Fourth Stream | 50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) *Fourth stream is supported under certain settings. |

| | |
|-----------------------------|--|
| Video Compression | Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 Fourth stream: H.265/H.264/MJPEG *Third stream and fourth stream are supported under certain settings. |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Main stream supports |
| H.265+ | Main stream supports |
| Bit Rate Control | CBR/VBR |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Region of Interest (ROI) | 5 fixed regions for main stream and sub-stream |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC |
| Audio Bit Rate | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC) |
| Network | |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, ARP, SNMP |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Security | Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface |
| Network Storage | MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| SNR | ≥ 52 dB |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Target Cropping | Yes |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser |

| Interface | |
|----------------------------------|---|
| Alarm | 2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A) |
| Audio | 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium |
| On-Board Storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| Hardware Reset | Yes |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| Power Output | 12 VDC, max. 100 mA (supported by all power supply types) |
| Event | |
| Basic Event | Motion detection (human and vehicle targets classification), video tampering alarm, exception |
| Smart Event | Unattended baggage detection, object removal detection, scene change detection, audio exception detection |
| Deep Learning Function | |
| Face Capture | Yes |
| Perimeter Protection | Line crossing detection, intrusion detection, region entrance detection, region exiting detection |
| General | |
| Linkage Method | Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, audible warning |
| Firmware Version | V5.5.112 |
| Web Client Language | 33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |
| General Function | Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter |
| Software Reset | Yes |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC \pm 25% PoE: 802.3at, Class 4 |
| Power Consumption and Current | 12 VDC, 1.08 A, max. 13 W PoE (802.3at, 42.5 V to 57 V), 0.36 A to 0.27 A, amx. 15 W |
| Power Interface | \varnothing 5.5 mm coaxial power plug |
| Camera Material | Aluminum alloy body |
| Camera Dimension | \varnothing 105 mm \times 340.8 mm (\varnothing 4.1" \times 13.4") |
| Package Dimension | 385 mm \times 190 mm \times 180 mm (15.2" \times 7.5" \times 7.1") |
| Camera Weight | Approx. 1330 g (2.9 lb.) |
| With Package Weight | Approx. 2176 g (4.8 lb.) |

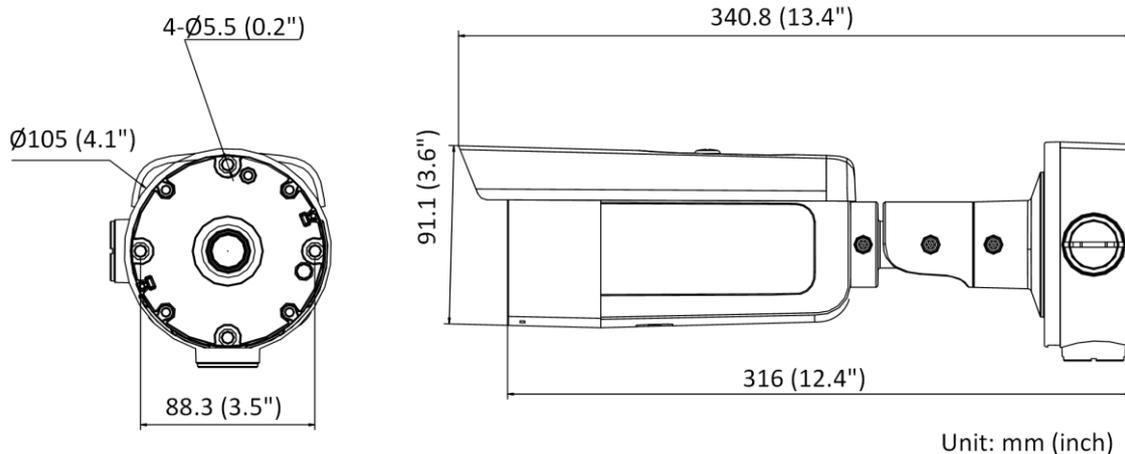
| Approval | |
|-------------|---|
| EMC | FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |
| Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IP67 (IEC 60529-2013), IK10 (IEC 62262:2002) |

▪ Available Model

DS-2CD3656G2T-IZS (2.7 to 13.5 mm)

DS-2CD3656G2T-IZS (7 to 35 mm)

▪ Dimension



▪ **Accessory**

▪ **Included**

DS-1260ZJ
Junction Box



▪ **Optional**

| DS-1275ZJ-S-SUS Vertical Pole Mount | DS-1275ZJ-SUS Vertical Pole Mount | DS-1276ZJ-SUS Corner Mount |
|--|--------------------------------------|-------------------------------|
| | | |
| | | |

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DS-2CD3025G0-I (B) 2 MP IR Fixed Bullet Network Camera



- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@60fps
- 2.8/4/6 mm fixed lens
- Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR
- H.265, H.264
- 120dB WDR
- 4 behavior analyses, 1 exception detection, and face detection
- BLC/3D DNR/ROI/HLC
- IP67, IK10
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment
- IR range: Up to 40 m
- Powered by DarkFighter



Specifications

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day & Night | IR Cut Filter |
| WDR | 120 dB |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Lens | |
| Lens Type | 2.8/4/6 mm |
| Aperture | F1.6 |
| FOV | 2.8 mm, horizontal FOV: 108°, vertical FOV: 59°, diagonal FOV: 129° 4 mm, horizontal FOV: 87°, vertical FOV: 45°, diagonal FOV: 102° 6 mm, horizontal FOV: 53°, vertical FOV: 29°, diagonal FOV: 60° |
| Lens Mount | M12 |
| Illuminator | |
| IR Range | Up to 40 m |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240) |
| Video Compression | Main stream: H.265/H.264 Sub-stream/third stream: H.265/H.264/MJPEG |
| H.264 Type | Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Smart Feature-Set | |
| Smart Event | Line crossing detection, up to 1 line configurable Intrusion detection, up to 1 region configurable Unattended baggage detection, up to 1 region configurable Object removal detection, up to 1 region configurable |

| | |
|-------------------------|--|
| | Face detection: detects faces Scene change detection |
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Linkage Method | Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email |
| Region of Interest | 5 fixed region for main stream and sub-stream |
| Image | |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser |
| Target Cropping | No |
| Day/Night Switch | Day/Night/Auto/Schedule |
| Network | |
| Network Storage | microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS |
| API | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2 |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users, 3 levels: administrator, operator and user |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| General | |
| Web Client Language | 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) |
| General Function | Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening |
| Reset | Reset via reset button on camera body, web browser and client software |

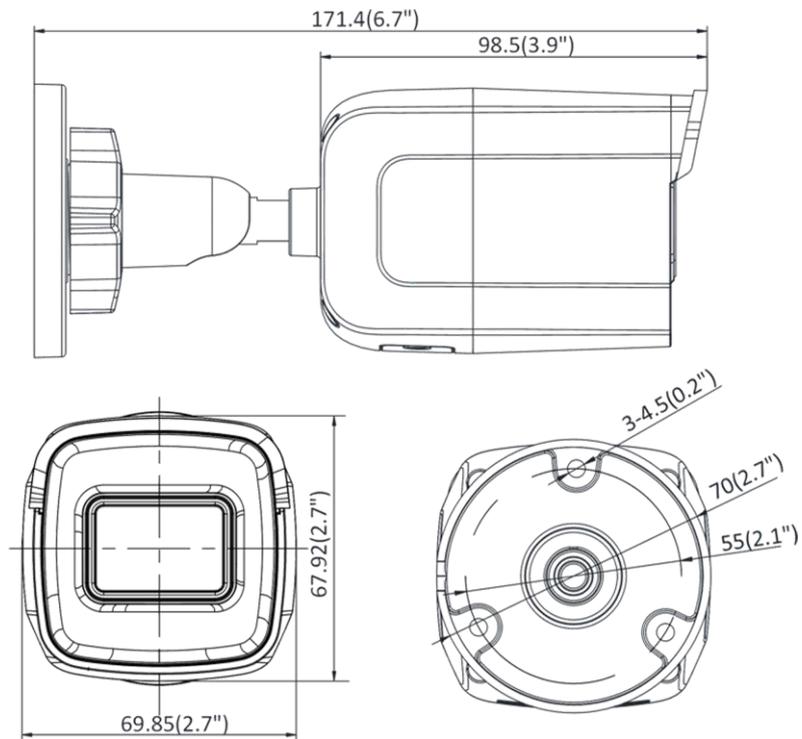
| | |
|----------------------------------|---|
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, reverse polarity protection; PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.4 A, max. 5.2 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W |
| Material | Front cover: metal, back cover: metal, sun shield: plastic |
| Dimensions | Camera: Approx. 70 × 68 × 171 mm (2.8" × 2.7" × 6.7") With package: Approx. 216 × 121 × 118 mm (8.5" × 4.8" × 4.6") |
| Weight | Camera: Approx. 500 g (1.1 lb.) With package: Approx. 670 g (1.48 lb.) |
| Approval | |
| EMC | 47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015 |
| Safety | UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015 |
| Chemistry | 2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006 |
| Protection | Ingress protection: IP67 (IEC 60529-2013), IK10 (IEC 62262:2002) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD3025G0-I (B) (2.8/4/6 mm)

Dimensions



Accessory



DS-1280ZJ-XS
Junction Box

Distributed by

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05060020200317

DS-2CD3045G0-I (B) 4 MP IR Fixed Bullet Network Camera



- 1/2.5" Progressive Scan CMOS
- 2688 × 1520@30fps
- 2.8/4/6 mm fixed lens
- Color: 0.014 Lux @(F1.6, AGC ON), 0 Lux with IR
- H.265, H.264
- 120dB WDR
- 4 behavior analyses, 1 exception detection, and face detection
- BLC/3D DNR/ROI/HLC
- IP67, IK10
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment
- IR range: Up to 40 m
- Powered by DarkFighter



Specifications

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.5" Progressive Scan CMOS |
| Min. Illumination | Color: 0.014 Lux @(F1.6, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Day & Night | IR Cut Filter |
| WDR | 120 dB |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Lens | |
| Lens Type | 2.8/4/6 mm |
| Aperture | F1.6 |
| FOV | 2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61° |
| Lens Mount | M12 |
| Illuminator | |
| IR Range | Up to 40 m |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 2688 × 1520 |
| Main Stream | 50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps(1280 × 720, 640 × 360, 352 × 240) |
| Video Compression | Main stream: H.265/H.264 Sub-stream/third stream: H.265/H.264/MJPEG |
| H.264 Type | Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding |
| Smart Feature-Set | |
| Smart Event | Line crossing detection, up to 1 line configurable Intrusion detection, up to 1 region configurable Unattended baggage detection, up to 1 region configurable Object removal detection, up to 1 region configurable |

| | |
|-------------------------|--|
| | Face detection: detects faces Scene change detection |
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Linkage Method | Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email |
| Region of Interest | 5 fixed region for main stream and sub-stream |
| Image | |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser |
| Target Cropping | Yes |
| Day/Night Switch | Day/Night/Auto/Schedule |
| Network | |
| Network Storage | microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS |
| API | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2 |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users, 3 levels: administrator, operator and user |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE8+ Plug-in free live view: Chr2ome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| General | |
| Web Client Language | 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) |
| General Function | Anti-flicker, three streams , heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening |
| Reset | Reset via reset button on camera body, web browser and client software |

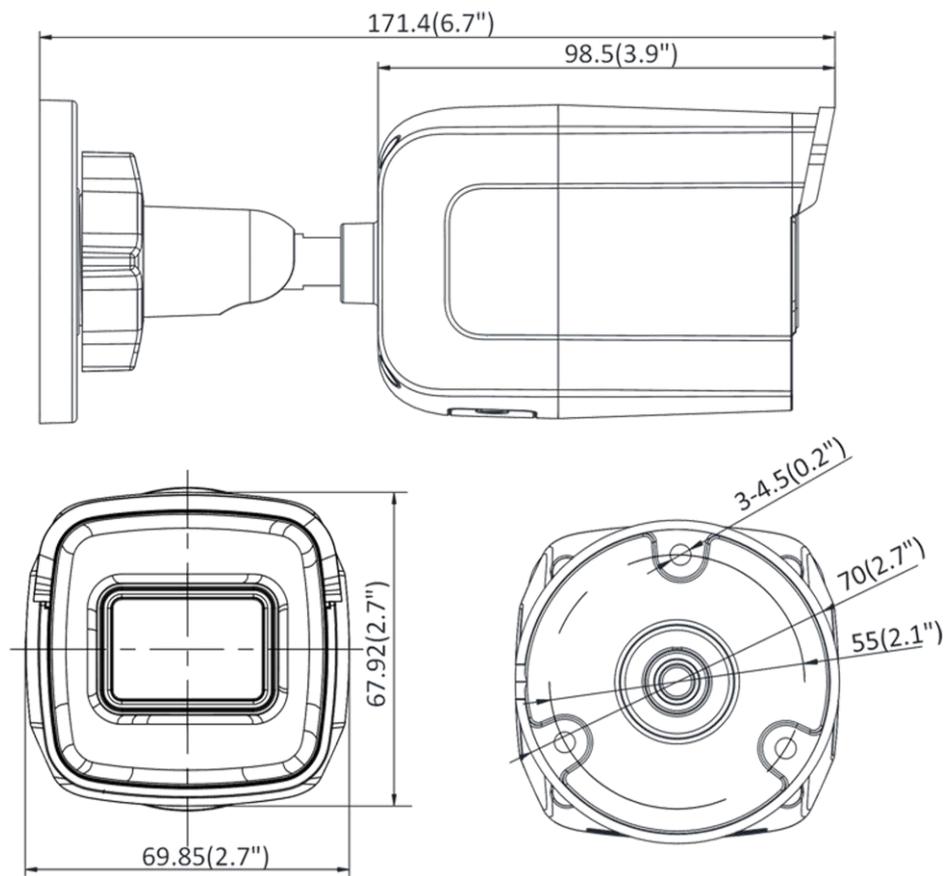
| | |
|----------------------------------|---|
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, reverse polarity protection; PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.5 A, max. 6.0 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7.5 W |
| Material | Front cover: metal, back cover: metal, sun shield: plastic |
| Dimensions | Camera: Approx. 70 × 68 × 171 mm (2.8" × 2.7" × 6.7") With package: Approx. 216 × 121 × 118 mm (8.5" × 4.8" × 4.6") |
| Weight | Camera: Approx. 500 g (1.1 lb.) With package: Approx. 670 g (1.48 lb.) |
| Approval | |
| EMC | 47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015 |
| Safety | UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015 |
| Chemistry | 2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006 |
| Protection | Ingress protection: IP67 (IEC 60529-2013), IK10 (IEC 62262:2002) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD3045G0-I (B) (2.8/4/6 mm)

Dimensions



Accessory



DS-1280ZJ-XS
Junction Box

Distributed by

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iDS-2CD7A26G0/P-IZHS(Y)

2 MP ANPR IR Varifocal Bullet Network Camera

DarkFighter



DeepinView^{series}

- High quality imaging with 2 MP resolution
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 140 dB WDR technology
- License Plate Recognition
- Efficient H.265+ compression technology to save bandwidth and storage
- Advanced streaming technology that enables smooth live view and data self-correcting in poor network
- 5 streams and up to 5 custom streams to meet a wide variety of applications
- Water and dust resistant (IP67) and vandal proof (IK10)



▪ Function

Road Traffic and Vehicle Detection

With embedded deep learning based license plate capture and recognition algorithms, the camera alone can achieve plate capture and recognition. The algorithm enjoys the high recognition accuracy of common plates and complex-structured plates, which is a great step forward comparing to traditional algorithms. Blocklist and allowlist are available for plate categorization and separate alarm triggering.

Smooth Streaming

Smooth streaming offers solutions to improve the video quality in different network conditions. For example, in poor network conditions, adapting to the detected real-time network condition, streaming bit rate and resolution are automatically adjusted to avoid mosaic and lower latency in live view; in multiplayer network conditions, the camera transmits the redundant data for the self-error correcting in back-end device, so that to solve the mosaic problem because of the packet loss and error rate.

▪ Specification

| Camera | |
|------------------------|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON) |
| Shutter Speed | 1 s to 1/100,000 s |
| Slow Shutter | Yes |
| P/N | P/N |
| Wide Dynamic Range | 140 dB |
| Day & Night | IR cut filter |
| Power-off Memory | Yes |
| Lens | |
| Focus | Auto, semi-auto, manual. |
| Lens Type & FOV | 2.8 to 12 mm, horizontal FOV: 107.3° to 39.8°, vertical FOV: 55.9° to 22.3°, diagonal FOV: 130.1° to 45.7° 8 to 32 mm, horizontal FOV: 40.3° to 14.4°, vertical FOV: 22.1° to 8.2° diagonal FOV: 46.9° to 16.5° |
| Aperture | 2.8 to 12 mm: F1.2 to 2.5 8 to 32 mm: F1.7 to F1.73 |
| Lens Mount | Integrated |
| Blue Glass Module | Blue glass module to reduce ghost phenomenon. |
| P-Iris | Yes |
| Illuminator | |
| IR Range | 2.8 to 12 mm: 50 m 8 to 32 mm: 100 m |
| Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Fourth Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Fifth Stream | 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) |
| Custom Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Video Compression | Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Main Stream supports |
| H.265+ | Main Stream supports |
| Bit Rate Control | CBR/VBR |
| Stream Type | Main stream/sub-stream/third stream/fourth stream/fifth stream/custom stream |

| | |
|----------------------------------|---|
| Scalable Video Coding (SVC) | H.265 and H.264 support |
| Region of Interest (ROI) | 4 fixed regions for each stream |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM/MP3 |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-320Kbps(MP3) |
| Audio Type | Mono sound |
| Network | |
| Simultaneous Live View | Up to 20 channels |
| API | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS |
| Smooth Streaming | Yes |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2 |
| Network Storage | microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ |
| Image | |
| Smart IR | The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure. |
| Day/Night Switch | Day, Night, Auto, Schedule, Triggered by Alarm In, Triggered by Video |
| Target Cropping | Yes |
| Distortion Correction Distortion | Yes |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |
| Image Enhancement | BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser |
| SNR | ≥52 dB |
| Interface | |
| Alarm | 2 input, 2 outputs (max. 24 VDC, 1 A) |
| Audio | 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound |
| RS-485 | With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) |
| Video Output | 1 Vp-p Composite Output(75Ω/CVBS)(For debugging only) |
| On-board Storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| Hardware Reset | Yes |

| | |
|--|---|
| Communication Interface | 1 RJ45 10M/100M/1000M self-adaptive Ethernet port |
| Power Output | With -Y: 12 VDC, max. 200 mA (supported by all power supply types) |
| Heater | Yes |
| Wiegand | With -Y: 1 wiegand(CardID 26bit, SHA-1 26bit, Hik 34bit) |
| Smart Feature-Set | |
| Basic Event | Motion detection, video tampering alarm, vibration detection, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Smart Event | Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable Scene change detection, audio exception detection, defocus detection |
| Counting | Yes |
| Intelligent (Deep Learning Algorithm) | |
| Premier Protection | Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. |
| Road Traffic and Vehicle Detection | Blocklist and allowlist: up to 10000 records Captures vehicle that has no license plate Support license plate recognition of motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, etc. (City Street mode is recommended.) |
| General | |
| Linkage Method | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, SFTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output, Email |
| Online Upgrade | Yes |
| Dual Backup | Yes |
| Firmware Version | V5.5.130 |
| Web Client Language | 33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |
| General Function | Anti-flicker, 5 streams and up to 5 custom streams, EPTZ, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter |
| Software Reset | Yes |
| Storage Conditions | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4 |
| Power Consumption and Current | 12 VDC, 1.33 A, max. 16.0 W PoE: (802.3at, 42.5V-57V), 0.43 A to 0.31 A, max. 18.0 W |
| Power Interface | Three-core terminal block |

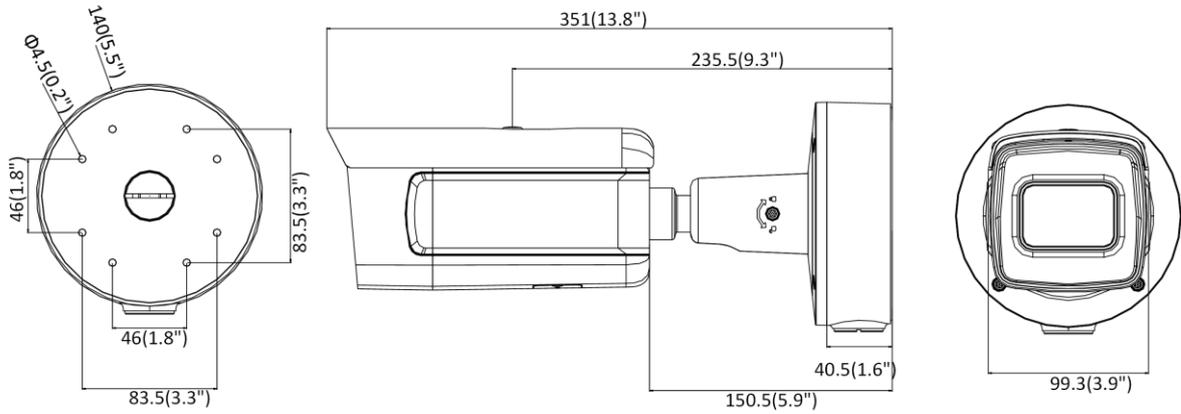
| | |
|---------------------------|--|
| Material | Aluminum alloy body |
| Camera Dimension | Without -Y: Ø144 × 347 mm (Ø5.7" × 13.7") With -Y: Ø140 × 351 mm (Ø5.5" × 13.8") |
| Package Dimension | 405 × 190 × 180 mm (15.9" × 7.5" × 7.1") |
| Camera Weight | 1920 g (4.2 lb.) |
| With Package Weight | 3060 g (6.7 lb.) |
| Metadata | |
| Metadata | Metadata of intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal are supported. |
| Approval | |
| Class | Class B |
| EMC | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |
| Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IK10 (IEC 62262:2002), IP67 (IEC 60529-2013) |
| Anti-Corrosion Protection | With -Y: NEMA 4X(NEMA 250-2018) |
| Other | With -Y: PVC FREE |

Available Model

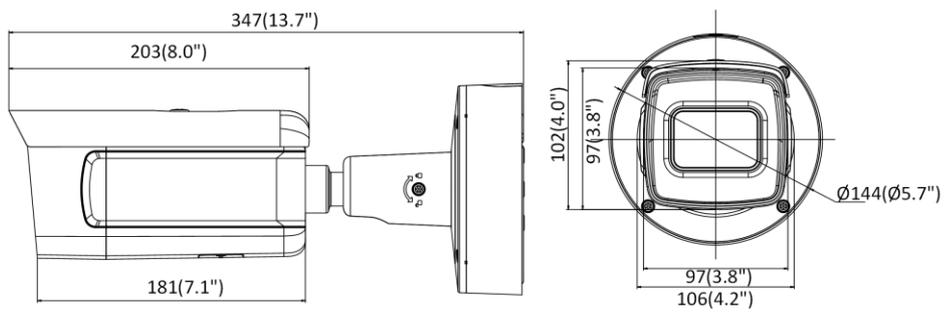
iDS-2CD7A26G0/P-IZHS (2.8 to 12 mm), iDS-2CD7A26G0/P-IZHS (8 to 32 mm), iDS-2CD7A26G0/P-IZHSY (2.8 to 12 mm), iDS-2CD7A26G0/P-IZHSY (8 to 32 mm)

▪ **Dimension**

-Y model:



Without -Y model:



Unit: mm(inch)

Accessory

-Y model:



DS-1476ZJ-Y
Corner Mount



DS-1475ZJ-Y
Vertical Pole Mount

Without -Y model:



DS-1475ZJ-SUS
Vertical Pole Mount



DS-1476ZJ-SUS
Corner Mount



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iDS-2CD7A26G0/P-IZHS(Y)

2 MP ANPR IR Varifocal Bullet Network Camera

DarkFighter



DeepinView^{series}

- High quality imaging with 2 MP resolution
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 140 dB WDR technology
- License Plate Recognition
- Efficient H.265+ compression technology to save bandwidth and storage
- Advanced streaming technology that enables smooth live view and data self-correcting in poor network
- 5 streams and up to 5 custom streams to meet a wide variety of applications
- Water and dust resistant (IP67) and vandal proof (IK10)



▪ Function

Road Traffic and Vehicle Detection

With embedded deep learning based license plate capture and recognition algorithms, the camera alone can achieve plate capture and recognition. The algorithm enjoys the high recognition accuracy of common plates and complex-structured plates, which is a great step forward comparing to traditional algorithms. Blocklist and allowlist are available for plate categorization and separate alarm triggering.

Smooth Streaming

Smooth streaming offers solutions to improve the video quality in different network conditions. For example, in poor network conditions, adapting to the detected real-time network condition, streaming bit rate and resolution are automatically adjusted to avoid mosaic and lower latency in live view; in multiplayer network conditions, the camera transmits the redundant data for the self-error correcting in back-end device, so that to solve the mosaic problem because of the packet loss and error rate.

▪ Specification

| Camera | |
|------------------------|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON) |
| Shutter Speed | 1 s to 1/100,000 s |
| Slow Shutter | Yes |
| P/N | P/N |
| Wide Dynamic Range | 140 dB |
| Day & Night | IR cut filter |
| Power-off Memory | Yes |
| Lens | |
| Focus | Auto, semi-auto, manual. |
| Lens Type & FOV | 2.8 to 12 mm, horizontal FOV: 107.3° to 39.8°, vertical FOV: 55.9° to 22.3°, diagonal FOV: 130.1° to 45.7° 8 to 32 mm, horizontal FOV: 40.3° to 14.4°, vertical FOV: 22.1° to 8.2° diagonal FOV: 46.9° to 16.5° |
| Aperture | 2.8 to 12 mm: F1.2 to 2.5 8 to 32 mm: F1.7 to F1.73 |
| Lens Mount | Integrated |
| Blue Glass Module | Blue glass module to reduce ghost phenomenon. |
| P-Iris | Yes |
| Illuminator | |
| IR Range | 2.8 to 12 mm: 50 m 8 to 32 mm: 100 m |
| Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Fourth Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Fifth Stream | 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) |
| Custom Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) |
| Video Compression | Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Main Stream supports |
| H.265+ | Main Stream supports |
| Bit Rate Control | CBR/VBR |
| Stream Type | Main stream/sub-stream/third stream/fourth stream/fifth stream/custom stream |

| | |
|----------------------------------|---|
| Scalable Video Coding (SVC) | H.265 and H.264 support |
| Region of Interest (ROI) | 4 fixed regions for each stream |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM/MP3 |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-320Kbps(MP3) |
| Audio Type | Mono sound |
| Network | |
| Simultaneous Live View | Up to 20 channels |
| API | ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS |
| Smooth Streaming | Yes |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2 |
| Network Storage | microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ |
| Image | |
| Smart IR | The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure. |
| Day/Night Switch | Day, Night, Auto, Schedule, Triggered by Alarm In, Triggered by Video |
| Target Cropping | Yes |
| Distortion Correction Distortion | Yes |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |
| Image Enhancement | BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser |
| SNR | ≥52 dB |
| Interface | |
| Alarm | 2 input, 2 outputs (max. 24 VDC, 1 A) |
| Audio | 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound |
| RS-485 | With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) |
| Video Output | 1 Vp-p Composite Output(75Ω/CVBS)(For debugging only) |
| On-board Storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| Hardware Reset | Yes |

| | |
|--|---|
| Communication Interface | 1 RJ45 10M/100M/1000M self-adaptive Ethernet port |
| Power Output | With -Y: 12 VDC, max. 200 mA (supported by all power supply types) |
| Heater | Yes |
| Wiegand | With -Y: 1 wiegand(CardID 26bit, SHA-1 26bit, Hik 34bit) |
| Smart Feature-Set | |
| Basic Event | Motion detection, video tampering alarm, vibration detection, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Smart Event | Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable Scene change detection, audio exception detection, defocus detection |
| Counting | Yes |
| Intelligent (Deep Learning Algorithm) | |
| Premier Protection | Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. |
| Road Traffic and Vehicle Detection | Blocklist and allowlist: up to 10000 records Captures vehicle that has no license plate Support license plate recognition of motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, etc. (City Street mode is recommended.) |
| General | |
| Linkage Method | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, SFTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output, Email |
| Online Upgrade | Yes |
| Dual Backup | Yes |
| Firmware Version | V5.5.130 |
| Web Client Language | 33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |
| General Function | Anti-flicker, 5 streams and up to 5 custom streams, EPTZ, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter |
| Software Reset | Yes |
| Storage Conditions | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4 |
| Power Consumption and Current | 12 VDC, 1.33 A, max. 16.0 W PoE: (802.3at, 42.5V-57V), 0.43 A to 0.31 A, max. 18.0 W |
| Power Interface | Three-core terminal block |

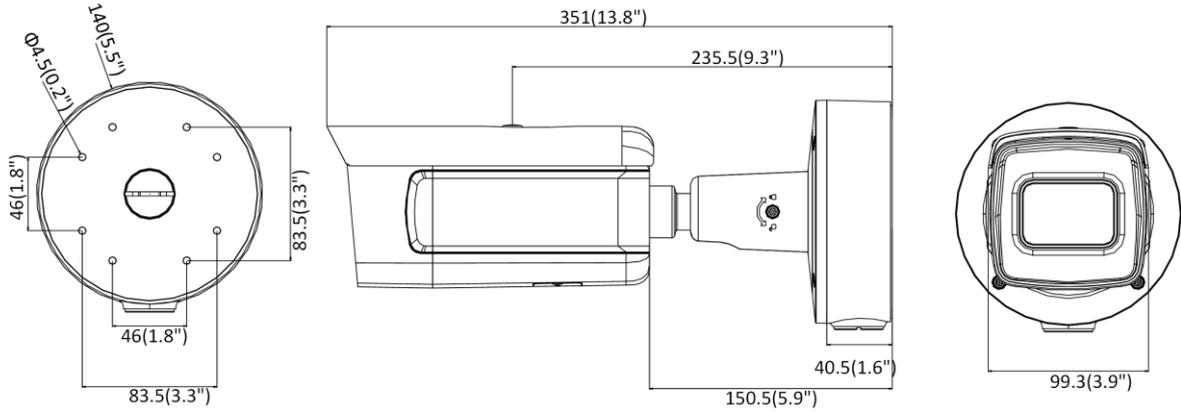
| | |
|---------------------------|--|
| Material | Aluminum alloy body |
| Camera Dimension | Without -Y: Ø144 × 347 mm (Ø5.7" × 13.7") With -Y: Ø140 × 351 mm (Ø5.5" × 13.8") |
| Package Dimension | 405 × 190 × 180 mm (15.9" × 7.5" × 7.1") |
| Camera Weight | 1920 g (4.2 lb.) |
| With Package Weight | 3060 g (6.7 lb.) |
| Metadata | |
| Metadata | Metadata of intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal are supported. |
| Approval | |
| Class | Class B |
| EMC | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |
| Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IK10 (IEC 62262:2002), IP67 (IEC 60529-2013) |
| Anti-Corrosion Protection | With -Y: NEMA 4X(NEMA 250-2018) |
| Other | With -Y: PVC FREE |

Available Model

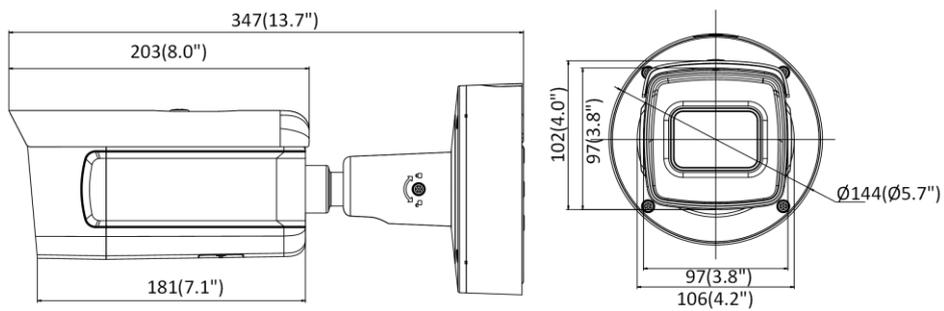
iDS-2CD7A26G0/P-IZHS (2.8 to 12 mm), iDS-2CD7A26G0/P-IZHS (8 to 32 mm), iDS-2CD7A26G0/P-IZHSY (2.8 to 12 mm), iDS-2CD7A26G0/P-IZHSY (8 to 32 mm)

▪ **Dimension**

-Y model:



Without -Y model:



Unit: mm(inch)

Accessory

-Y model:



DS-1476ZJ-Y
Corner Mount



DS-1475ZJ-Y
Vertical Pole Mount

Without -Y model:



DS-1475ZJ-SUS
Vertical Pole Mount



DS-1476ZJ-SUS
Corner Mount



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Tiandy



TC-C38LS Spec: I8/E/A/2.8-12mm

8MP Starlight Motorized IR Bullet Camera (2.8-12mm)

Pro Series



KEY FEATURES

- Motorized Lens 2.8-12mm
- Up to 3840x2160@20fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.002Lux@F1.8
- Smart IR, IR Range: 80m
- Support Video Analytics
- Support Human/Vehicle Classification
- Plugin Free
- Operating Conditions -35°~65°, 0~95% RH
- POE, IP67



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Fax: +86-22-58596048



SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.002Lux@ (F1.8, ACG ON), B/W: 0Lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | Bracket, pan 0~360°, tilt 0~75°, roate 0~360° |
| Lens | |
| Lens Type | Motorized |
| Focus | 2.8-12mm |
| Lens Mount | Φ14 |
| Aperture | F1.8~F3.3, Fixed |
| FOV | Horizontal field of view: 101.7°~32.3° |
| Illuminator | |
| IR LEDs | 4 |
| IR Range | Up to 80m |
| Wavelength | 850nm |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | G.711A/G.711U/ADPCM_D/AAC_LC |
| Audio Bit Rate | 8K~48Kbps |
| Image | |
| Max. Resolution | 3840x2160 |
| Main Stream | PAL: 20fps (3840×2160), 25fps (3072×1728, 2560×1440, 1920×1080, 1280×960, 1280×720) NTSC: 20fps (3840×2160), 30fps (3072×1728, 2560×1440, 1920×1080, 1280×960, 1280×720) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | 720P |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC/Corridor Format |
| ROI | Support 7 fixed region of coding |
| OSD | 16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay | Yes |
| Privace Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception |
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, Video Abnormal, Audio Abnormal, Heat Map |



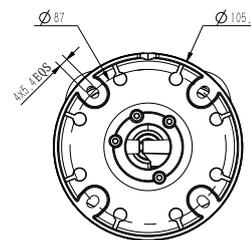
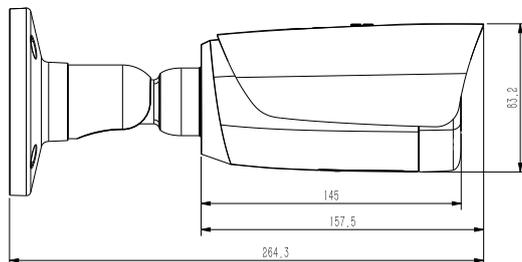
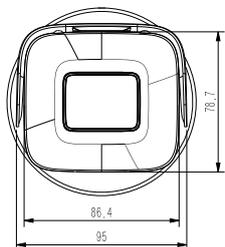
| | |
|-------------------------|--|
| Early Warning(EW) | N/A |
| Intelligent Coding | N/A |
| Intelligent Image | N/A |
| Intelligent Alarm | N/A |
| Network | |
| ANR | Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S/T), SDK, CGI, P2P |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/ 100M self adaptive Ethernet port |
| Audio | 1/1 |
| Alarm | 2/1 |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Farsi, Arabic |
| Operating Conditions | -35°C ~ 65°C, 0 ~ 95% RH |
| Power Supply | DC12V±20%/PoE |
| Power Consumption | MAX: 8.5W(12V) MAX: 10W(POE) |
| Protection | IP67 |
| Heater | N/A |
| Dimensions | 264× Φ106 mm (10.39*Φ4.17 inch) |
| Weight | 1.15Kg (2.54lb) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-C38LS SPEC: I8/E/A/2.8-12MM

DIMENSIONS



Unit: mm

ACCESSORIES



A36
Pole Mount



A35
Corner Mount



TC-P54AM Spec V4
Junction Box



A22
Junction Box

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TC-C38LS Spec: I8/E/A/2.8-12mm

8MP Starlight Motorized IR Bullet Camera (2.8-12mm)

Pro Series



KEY FEATURES

- Motorized Lens 2.8-12mm
- Up to 3840x2160@20fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.002Lux@F1.8
- Smart IR, IR Range: 80m
- Support Video Analytics
- Support Human/Vehicle Classification
- Plugin Free
- Operating Conditions -35°~65°, 0~95% RH
- POE, IP67



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SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.002Lux@ (F1.8, ACG ON), B/W: 0Lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | Bracket, pan 0~360°, tilt 0~75°, roate 0~360° |
| Lens | |
| Lens Type | Motorized |
| Focus | 2.8-12mm |
| Lens Mount | Φ14 |
| Aperture | F1.8~F3.3, Fixed |
| FOV | Horizontal field of view: 101.7°~32.3° |
| Illuminator | |
| IR LEDs | 4 |
| IR Range | Up to 80m |
| Wavelength | 850nm |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | G.711A/G.711U/ADPCM_D/AAC_LC |
| Audio Bit Rate | 8K~48Kbps |
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| | NTSC: 20fps (3840×2160), 30fps (3072×1728, 2560×1440, 1920×1080, 1280×960, 1280×720) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) |
| | NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | 720P |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC/Corridor Format |
| ROI | Support 7 fixed region of coding |
| OSD | 16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay | Yes |
| Privace Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Event Input, Event Output, Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception |
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, Video Abnormal, Audio Abnormal, Heat Map |



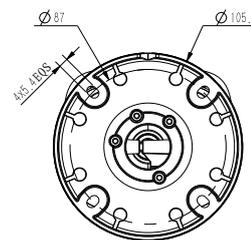
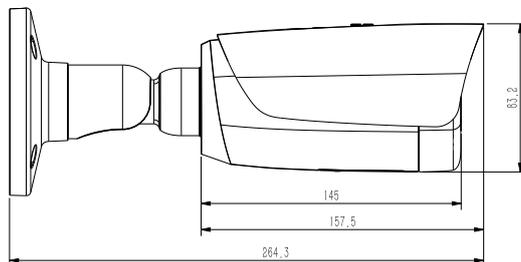
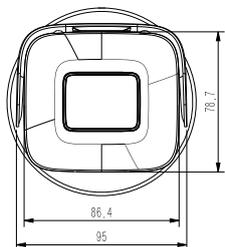
| | |
|-------------------------|--|
| Early Warning(EW) | N/A |
| Intelligent Coding | N/A |
| Intelligent Image | N/A |
| Intelligent Alarm | N/A |
| Network | |
| ANR | Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S/T), SDK, CGI, P2P |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/ 100M self adaptive Ethernet port |
| Audio | 1/1 |
| Alarm | 2/1 |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Farsi, Arabic |
| Operating Conditions | -35°C ~ 65°C, 0 ~ 95% RH |
| Power Supply | DC12V±20%/PoE |
| Power Consumption | MAX: 8.5W(12V) MAX: 10W(POE) |
| Protection | IP67 |
| Heater | N/A |
| Dimensions | 264× Φ106 mm (10.39*Φ4.17 inch) |
| Weight | 1.15Kg (2.54lb) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-C38LS SPEC: I8/E/A/2.8-12MM

DIMENSIONS



Unit: mm

ACCESSORIES



A36
Pole Mount



A35
Corner Mount



TC-P54AM Spec V4
Junction Box



A22
Junction Box

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Tiandy



TC-C38JS Spec: I5/E/4mm

8MP Starlight IR Bullet Camera (4mm)

Pro Series



KEY FEATURES

- Full Metal Housing
- Up to 3840×2160@20fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.01Lux@F2.0
- Smart IR, IR Range: 50m
- Support Video Analytics
- Plugin Free
- Operating Conditions -35°~65°, 0~95% RH
- POE, IP67



Tiandy Technologies Co.,Ltd.

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Website: en.tiandy.com Fax: +86-22-58596048



SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.01Lux@ (F2.0, ACG ON), B/W: 0Lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | Bracket, pan 0~360°, tilt 0~75°, roate 0~360° |
| Lens | |
| Lens Type | Fixed |
| Focus | 4mm |
| Lens Mount | M12 |
| Aperture | F2.0, Fixed |
| FOV | Horizontal field of view: 84.8° |
| Illuminator | |
| IR LEDs | 2 |
| IR Range | Up to 50m |
| Wavelength | 850nm |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | N/A |
| Audio Bit Rate | NA |
| Image | |
| Max. Resolution | 3840x2160 |
| Main Stream | PAL: 20fps (3840×2160), 25fps (3072×1728, 2560×1440, 1920×1080, 1280×960) NTSC: 20fps (3840×2160), 30fps (3072×1728, 2560×1440, 1920×1080, 1280×960) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | 720P |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC/Corridor Format |
| ROI | Support 7 fixed region of coding |
| OSD | 16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay | Yes |
| Privace Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception |

Tiandy

| | |
|--------------------------------|--|
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, Video Abnormal, Heat Map |
| Early Warning(EW) | N/A |
| Intelligent Coding | N/A |
| Intelligent Image | N/A |
| Intelligent Alarm | N/A |
| Network | |
| ANR | Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S/T), SDK, CGI, P2P |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/ 100M self adaptive Ethernet port |
| Audio | N/A |
| Alarm | N/A |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Farsi, Arabic |
| Operating Conditions | -35°C ~ 65°C, 0 ~ 95% RH |
| Power Supply | DC12V±20%/PoE |
| Power Consumption | MAX: 6.5W(12V) MAX: 7.5W(POE) |
| Protection | IP67 |
| Heater | N/A |
| Dimensions | 189×70×70 mm (7.44*2.76*2.76 inch) |
| Weight | 0.45Kg (0.99lb) |

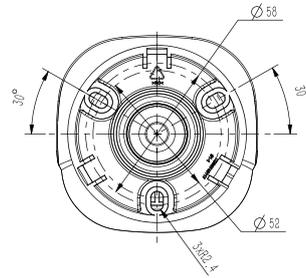
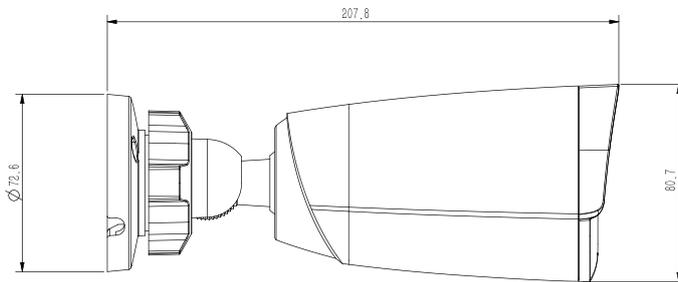
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-C38JS SPEC: I5/E/4MM

Tiandy

DIMENSIONS (Unit: mm)



ACCESSORIES



A22
Junction Box

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Tiandy



TC-C38JS Spec: I5/E/4mm

8MP Starlight IR Bullet Camera (4mm)

Pro Series



KEY FEATURES

- Full Metal Housing
- Up to 3840×2160@20fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.01Lux@F2.0
- Smart IR, IR Range: 50m
- Support Video Analytics
- Plugin Free
- Operating Conditions -35°~65°, 0~95% RH
- POE, IP67



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Website: en.tiandy.com

Fax: +86-22-58596048



SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.01Lux@ (F2.0, ACG ON), B/W: 0Lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | Bracket, pan 0~360°, tilt 0~75°, roate 0~360° |
| Lens | |
| Lens Type | Fixed |
| Focus | 4mm |
| Lens Mount | M12 |
| Aperture | F2.0, Fixed |
| FOV | Horizontal field of view: 84.8° |
| Illuminator | |
| IR LEDs | 2 |
| IR Range | Up to 50m |
| Wavelength | 850nm |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | N/A |
| Audio Bit Rate | NA |
| Image | |
| Max. Resolution | 3840x2160 |
| Main Stream | PAL: 20fps (3840×2160), 25fps (3072×1728, 2560×1440, 1920×1080, 1280×960) NTSC: 20fps (3840×2160), 30fps (3072×1728, 2560×1440, 1920×1080, 1280×960) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | 720P |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC/Corridor Format |
| ROI | Support 7 fixed region of coding |
| OSD | 16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay | Yes |
| Privace Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception |

Tiandy

| | |
|--------------------------------|--|
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, Video Abnormal, Heat Map |
| Early Warning(EW) | N/A |
| Intelligent Coding | N/A |
| Intelligent Image | N/A |
| Intelligent Alarm | N/A |
| Network | |
| ANR | Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S/T), SDK, CGI, P2P |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/ 100M self adaptive Ethernet port |
| Audio | N/A |
| Alarm | N/A |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Farsi, Arabic |
| Operating Conditions | -35°C ~ 65°C, 0 ~ 95% RH |
| Power Supply | DC12V±20%/PoE |
| Power Consumption | MAX: 6.5W(12V) MAX: 7.5W(POE) |
| Protection | IP67 |
| Heater | N/A |
| Dimensions | 189×70×70 mm (7.44*2.76*2.76 inch) |
| Weight | 0.45Kg (0.99lb) |

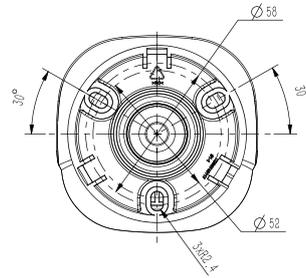
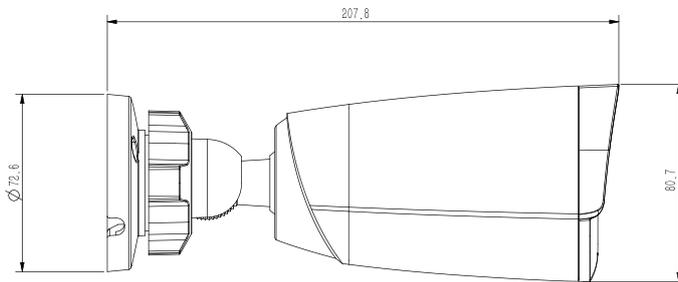
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-C38JS SPEC: I5/E/4MM

Tiandy

DIMENSIONS (Unit: mm)



ACCESSORIES



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Tiandy



TC-H356S Spec: 30X/I/E++/A

5MP 30× Starlight IR POE AI PTZ Camera



Pro Series

KEY FEATURES

- Optical zoom: 30×, digital zoom 16×
- Smart IR, IR Range: 200m
- S+265/H.265/H.264/M-JPEG
- Intelligent monitoring/ Face Capture mode
- Support Auto-tracking
- Plugin Free
- IP67



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Fax: +86-22-58596048

SPECIFICATIONS

| Camera | |
|----------------------|--|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.001lux@ (F1.5, ACG ON), BW: 0lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 140dB |
| Optical Zoom | 30× |
| Digital Zoom | 16× |
| Lens | |
| Focal Length | 4.7mm~141mm |
| Zoom Speed | <5s |
| Angle of View | Horizontal filed of view: 55.5° (w)~2.7° (t) Vertical filed of view: 42° (w)~1.5° (t) |
| Aperture Range | F1.5~F4.0 |
| Pan&Tilt | |
| Pan Range | 360° |
| Pan Speed | Pan Manual Speed: 0.1°~180°/s, Pan Preset Speed: 240°/s |
| Tilt Range | -16°~90° (Auto flip) |
| Tilt Speed | Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 180°/s |
| 3D Position | Yes |
| Presets | 500 |
| Preset Accuracy | ±0.4° |
| Scan | 8 |
| Cruise | 16, up to 32 presets per cruise |
| Pattern | 8, each with 600s memory or 1000 orders |
| Power-off Memory | Yes |
| RS-485 Protocols | DOME_PELCO_D , DOME_PELCO_P , DOME_PLUS |
| Illuminator | |
| IR LEDs | 10 |
| IR Range | Up to 200m |
| IR Irradiation Angle | Adjustable by Zoom |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | G.711A/G.711U/ADPCM_D/AAC_LC |
| Audio Bit Rate | 8K~48Kbps |
| Image | |
| Max. Resolution | 5.0MP(2592×1944) |
| Main Stream | PAL: 25fps (2592×1944, 2560×1440), 50fps (1920×1080, 1280×720) |
| | NTSC: 30fps (2592×1944, 2560×1440), 60fps (1920×1080, 1280×720) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) |
| | NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | PAL: 25fps (704×576, 704×288, 640×480, 352×288) |
| | NTSC: 30fps (704×480, 704×240, 640×480, 352×240) |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC |
| ROI | 7 Dynamic Areas for Both Main and Sub Stream, support auto-tracking ROI |
| OSD | 16×16, 24×24,32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay | Yes |
| Privacy Mask | Yes |
| Smart Defog | Yes |

Tiandy

| Feature | |
|------------------------------|--|
| Alarm Trigger | Motion Detection, Mask Alarm, IP Conflict, MAC Conflict Detection, FTP Server Exception, Disk Full, Disk R/W Error |
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Heatmap, Video Abnormal, Crowd, Audio Abnormal, Demographics(People Counting), On Duty Detection, Safety Helmet Detection, Auto tracking, Face Capture |
| Early Warning(EW) | N/A |
| Auto-Tracking | Yes |
| Face Detection and Analytics | |
| Operating Mode | Face capture, intelligent monitoring optional, default intelligent monitoring |
| Face Detection Performance | Detects up to 16 faces at the same scene |
| Face Exposure Brightness | Default 35, 1~100 brightness optional |
| Min. Face Pixel | Default 80, 19~1920 optional |
| Precautionary Alert | Three level |
| Network | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, MULTICAST, RTMP |
| System Compatibility | ONVIF (PROFILE S/T/G), SDK, CGI, P2P |
| ANR | Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self adaptive Ethernet port |
| Audio | 1/1 |
| Alarm | 8/2 |
| Speaker | N/A |
| Reset Button | Yes |
| On-board storage | Built-in Micro SD card slot, up to 512 GB |
| RS-485 | Yes |
| BNC | Yes |
| Wiper | N/A |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages Simplified Chinese, Traditional Chinese, English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebraism, Arabic, Vietnamese |
| Operating Conditions | -40°C~70°C (IR OFF), -40°C~40°C (IR ON), 0-95%RH |
| Power Supply | AC24V±25%/POE++ |
| Power Consumption | 22W (IR OFF), 49W (IR ON) |
| Protection | IP67, Lightning protection, surge protection and voltage transient protection meets EN 55035:2017 |
| Heater | N/A |
| Dimensions | Φ222x372mm(Φ8.74×14.65inch) |
| Weight | 5.3kg(11.68lb) |

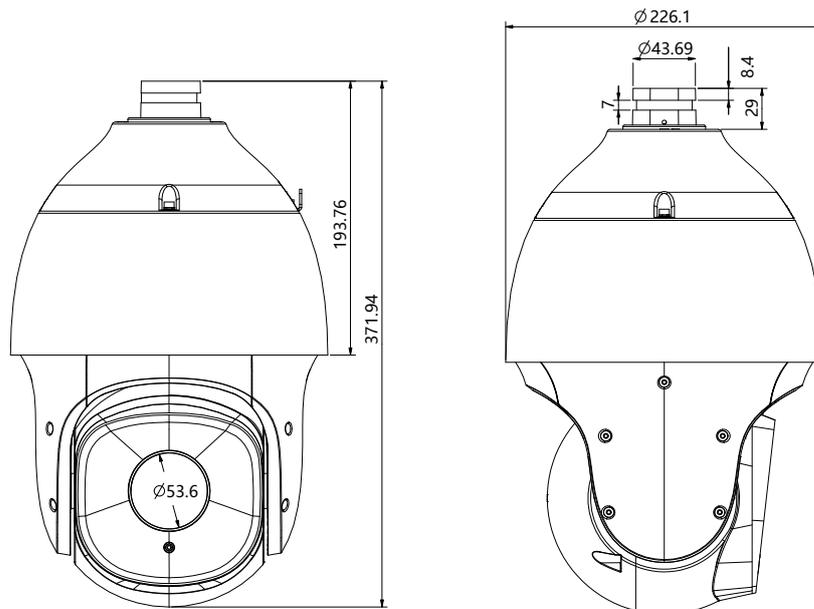
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-H356S SPEC: 30X/I/E++/A

Tiandy

DIMENSIONS (Unit: mm)



ACCESSORIES

INCLUDED



DF20Y
Wall Mount

OPTIONAL



A37
Installation Adapter



A38
Ceiling Mount



DF21Y
Pendant Mount



A36
Pole Mount



A35
Corner Mount



811
Junction Box

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Tiandy



TC-H326S Spec: 33X/I/E/A

2MP 33× Starlight IR POE PTZ Camera



Pro Series

KEY FEATURES

- Up to 1920X1080@30fps
- Min. illumination Color: 0.002Lux@F1.5
- Optical zoom: 33×, digital zoom 16×
- Smart IR, IR Range: 150m
- S+265/H.265/H.264/M-JPEG
- IP66



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Tel: +86-22-58596065

Website: en.tiandy.com

Fax: +86-22-58596048

SPECIFICATIONS

| Camera | |
|----------------------|--|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.002lux@ (F1.5, ACG ON), BW: 0lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter |
| Wide Dynamic Range | 140dB |
| Optical Zoom | 33× |
| Digital Zoom | 16× |
| Lens | |
| Focal Length | 4.6mm~152mm |
| Zoom Speed | <5s |
| Angle of View | Horizontal filed of view: 60.5° (w)~2.3° (t) |
| Aperture Range | F1.5~F4.0 |
| Pan&Tilt | |
| Pan Range | 360° |
| Pan Speed | Pan Manual Speed: 0.1°~180°/s, Pan Preset Speed: 240°/s |
| Tilt Range | -16°~90° (Auto flip) |
| Tilt Speed | Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 180°/s |
| 3D Position | Yes |
| Presets | 500 |
| Preset Accuracy | ±0.4° |
| Scan | 8 |
| Cruise | 16, up to 32 presets per cruise |
| Pattern | 8, each with 600s memory or 1000 orders |
| Power-off Memory | Yes |
| RS-485 Protocols | N/A |
| Illuminator | |
| IR LEDs | 4 |
| IR Range | Up to 150m |
| IR Irradiation Angle | Adjustable by Zoom |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711A/G.711U/ADPCM/AAC |
| Audio Bit Rate | 8K~48Kbps |
| Image | |
| Max. Resolution | 1920×1080 |
| Main Stream | PAL: 50fps (1920×1080, 1280×960, 1280×720) |
| | NTSC: 60fps (1920×1080, 1280×960, 1280×720) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) |
| | NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | PAL: 25fps (1920×1080, 1280×960, 1280×720, 640×480, 704×576, 704×288, 352×288) |
| | NTSC: 30fps (1920×1080, 1280×960, 1280×720, 640×480, 704×480, 704×240, 352×240) |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC |
| ROI | 7 Dynamic Areas for Both Main and Sub Stream, support auto-tracking ROI |
| OSD | 16×16, 24×24,32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |

Tiandy

| | |
|-------------------------|---|
| Picture Overlay | Yes |
| Privacy Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection |
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Video Abnormal, Audio Abnormal, Heatmap |
| Early Warning(EW) | N/A |
| Auto-Tracking | Yes |
| Network | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S), SDK, CGI, P2P |
| ANR | Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web5 |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self adaptive Ethernet port |
| Audio | 1/1 |
| Alarm | 1/1 |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| RS-485 | N/A |
| BNC | N/A |
| General | |
| Firmware Version | NVSS_V14.0.6.20190528 |
| Web Client Language | 11 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish |
| Operating Conditions | -30°~65°C, 0-95% RH |
| Power Supply | AC24V±15%/POE+ |
| Power Consumption | 21W (IR OFF), 26W (IR ON) |
| Protection | IP66 |
| Heater | N/A |
| Dimensions | Φ222x372 mm (Φ8.74×14.65 inch) |
| Weight | 5kg (11.02lb) |

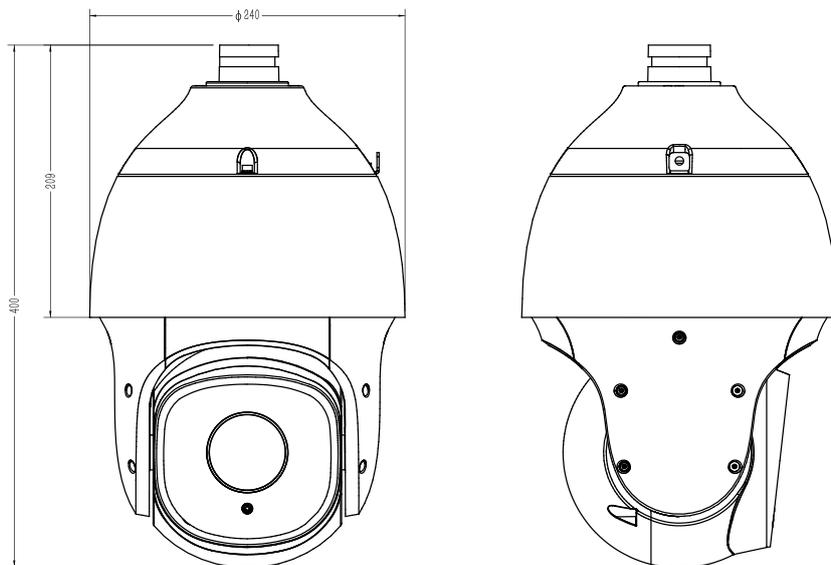
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-H326S SPEC: 33X/I/E/A

Tiandy

DIMENSIONS (Unit: mm)



ACCESSORIES

INCLUDED



DF20Y
Wall Mount

OPTIONAL



A37
Installation Adapter



A38
Ceiling Mount



DF21Y
Pendant Mount



A36
Pole Mount



A35
Corner Mount



811
Junction Box

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Tiandy



TC-H326S Spec: 33X/I/E/A

2MP 33× Starlight IR POE PTZ Camera



Pro Series

KEY FEATURES

- Up to 1920X1080@30fps
- Min. illumination Color: 0.002Lux@F1.5
- Optical zoom: 33×, digital zoom 16×
- Smart IR, IR Range: 150m
- S+265/H.265/H.264/M-JPEG
- IP66



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SPECIFICATIONS

| Camera | |
|----------------------|--|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.002lux@ (F1.5, ACG ON), BW: 0lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter |
| Wide Dynamic Range | 140dB |
| Optical Zoom | 33× |
| Digital Zoom | 16× |
| Lens | |
| Focal Length | 4.6mm~152mm |
| Zoom Speed | <5s |
| Angle of View | Horizontal filed of view: 60.5° (w)~2.3° (t) |
| Aperture Range | F1.5~F4.0 |
| Pan&Tilt | |
| Pan Range | 360° |
| Pan Speed | Pan Manual Speed: 0.1°~180°/s, Pan Preset Speed: 240°/s |
| Tilt Range | -16°~90° (Auto flip) |
| Tilt Speed | Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 180°/s |
| 3D Position | Yes |
| Presets | 500 |
| Preset Accuracy | ±0.4° |
| Scan | 8 |
| Cruise | 16, up to 32 presets per cruise |
| Pattern | 8, each with 600s memory or 1000 orders |
| Power-off Memory | Yes |
| RS-485 Protocols | N/A |
| Illuminator | |
| IR LEDs | 4 |
| IR Range | Up to 150m |
| IR Irradiation Angle | Adjustable by Zoom |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711A/G.711U/ADPCM/AAC |
| Audio Bit Rate | 8K~48Kbps |
| Image | |
| Max. Resolution | 1920×1080 |
| Main Stream | PAL: 50fps (1920×1080, 1280×960, 1280×720) |
| | NTSC: 60fps (1920×1080, 1280×960, 1280×720) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) |
| | NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | PAL: 25fps (1920×1080, 1280×960, 1280×720, 640×480, 704×576, 704×288, 352×288) |
| | NTSC: 30fps (1920×1080, 1280×960, 1280×720, 640×480, 704×480, 704×240, 352×240) |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC |
| ROI | 7 Dynamic Areas for Both Main and Sub Stream, support auto-tracking ROI |
| OSD | 16×16, 24×24,32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |

Tiandy

| | |
|-------------------------|---|
| Picture Overlay | Yes |
| Privacy Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection |
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Video Abnormal, Audio Abnormal, Heatmap |
| Early Warning(EW) | N/A |
| Auto-Tracking | Yes |
| Network | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S), SDK, CGI, P2P |
| ANR | Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web5 |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M self adaptive Ethernet port |
| Audio | 1/1 |
| Alarm | 1/1 |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| RS-485 | N/A |
| BNC | N/A |
| General | |
| Firmware Version | NVSS_V14.0.6.20190528 |
| Web Client Language | 11 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish |
| Operating Conditions | -30°~65°C, 0-95% RH |
| Power Supply | AC24V±15%/POE+ |
| Power Consumption | 21W (IR OFF), 26W (IR ON) |
| Protection | IP66 |
| Heater | N/A |
| Dimensions | Φ222x372 mm (Φ8.74×14.65 inch) |
| Weight | 5kg (11.02lb) |

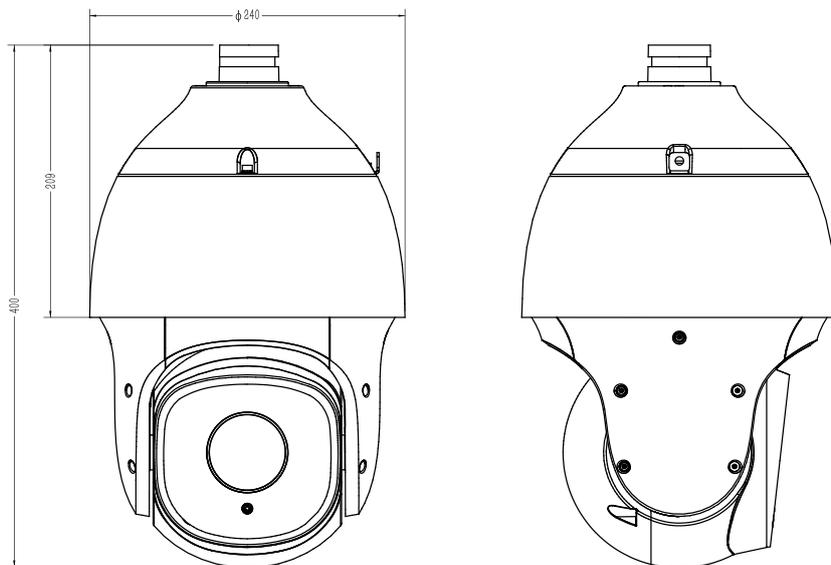
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-H326S SPEC: 33X/I/E/A

Tiandy

DIMENSIONS (Unit: mm)



ACCESSORIES

INCLUDED



DF20Y
Wall Mount

OPTIONAL



A37
Installation Adapter



A38
Ceiling Mount



DF21Y
Pendant Mount



A36
Pole Mount



A35
Corner Mount



811
Junction Box

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Tiandy



TC-C38KS Spec: I2/E/2.8mm

8MP Starlight IR Dome Camera (2.8mm)



Pro Series

KEY FEATURES

- Full Metal Housing
- Up to 3840×2160@20fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.01Lux@F2.0
- Smart IR, IR Range: 20m
- Support Video Analytics
- Plugin Free
- Operating Conditions -35°~65°, 0~95% RH
- POE, IP66, IK10



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SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.8" CMOS |
| Signal System | PAL/NTSC |
| Min. Illumination | Color: 0.01Lux@ (F2.0, ACG ON), B/W: 0Lux with IR |
| Shutter Time | 1s to 1/100,000s |
| Day & Night | Dual IR Cut Filter with Auto Switch |
| Wide Dynamic Range | 120dB |
| Angle Adjustment | pan 0~330°, tilt 0~75°, roate 0~350° |
| Lens | |
| Lens Type | Fixed |
| Focus | 2.8mm |
| Lens Mount | M12 |
| Aperture | F2.0, Fixed |
| FOV | Horizontal field of view: 101.3° |
| Illuminator | |
| IR LEDs | 8 |
| IR Range | Up to 20m |
| Wavelength | 850nm |
| White LEDs | N/A |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264/M-JPEG |
| Video Bit Rate | 32Kbps~16Mbps |
| Audio Compression | G.711A/G.711U/ADPCM/AAC |
| Audio Bit Rate | 8K~48Kbps |
| Image | |
| Max. Resolution | 3840x2160 |
| Main Stream | PAL: 20fps (3840×2160), 25fps (3072×1728, 2560×1440, 1920×1080, 1280×960) NTSC: 20fps (3840×2160), 30fps (3072×1728, 2560×1440, 1920×1080, 1280×960) |
| Sub Stream | PAL: 25fps (704×576, 704×288, 640×360, 352×288) NTSC: 30fps (704×480, 704×240, 640×360, 352×240) |
| Third Stream | 720P |
| Image Setting | Saturation, brightness, contrast, sharpness, adjustable by client software or web browser |
| Image Enhancement | BLC/3D DNR/HLC/Corridor Format |
| ROI | Support 7 fixed region of coding |
| OSD | 16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions |
| Picture Overlay | Yes |
| Privace Mask | Yes |
| Smart Defog | Yes |
| Feature | |
| Alarm Trigger | Motion Detection, Mask Alarm, Disk Full, Disk R/W Error, IP Address Conflict, MAC Address Conflict, FTP Server Exception |



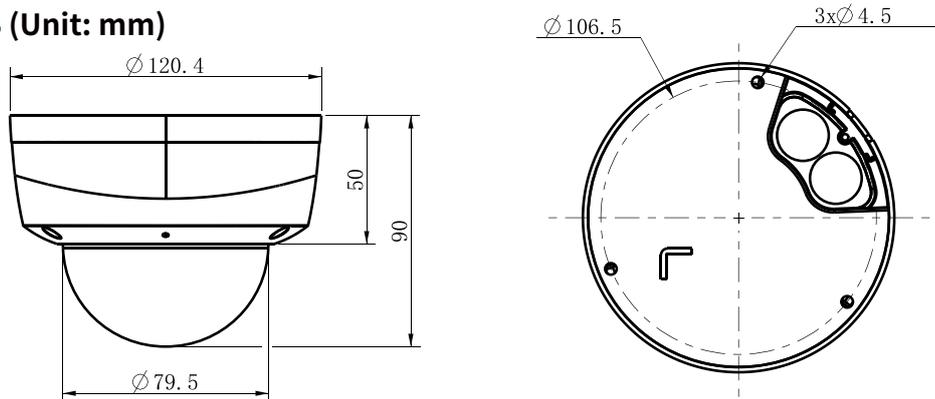
| | |
|--------------------------------|--|
| Video Analytics | Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Parking, Crowded, Video Abnormal, Audio Abnormal, Heat Map |
| Early Warning(EW) | N/A |
| Intelligent Coding | N/A |
| Intelligent Image | N/A |
| Intelligent Alarm | N/A |
| Network | |
| ANR | Yes, auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection (Only Support Tiandy ANR NVR) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE |
| System Compatibility | ONVIF (PROFILE S/T), SDK, CGI, P2P |
| Remote Connection | ≤7 |
| Client | Easy7, EasyLive |
| Web Version | Web6 |
| Interface | |
| Communication Interface | 1 RJ45 10M/ 100M self adaptive Ethernet port |
| Audio | 1/0, Mic in |
| Alarm | N/A |
| Reset Button | Yes |
| On-board storage | Built-in MicroSD card slot, up to 128 GB |
| General | |
| Firmware Version | - |
| Web Client Language | 15 languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Farsi, Arabic |
| Operating Conditions | -35°C ~ 65°C, 0 ~ 95% RH |
| Power Supply | DC12V±20%/PoE |
| Power Consumption | MAX: 5.5W(12V) MAX: 6.5W(POE) |
| Protection | IP66, IK10 |
| Heater | N/A |
| Dimensions | Φ120×90 mm (Φ4.72*3.54 inch) |
| Weight | 0.45Kg (0.99lb) |

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

AVAILABLE MODEL

TC-C38KS SPEC: I2/E/2.8MM

DIMENSIONS (Unit: mm)



ACCESSORIES



A36
Pole Mount



A35
Corner Mount



811
Junction Box



A29
Wall Mount



A21
Corner Pole Mount



A23
Mount Adapter



A20
Pendant Mount

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