

Product Comparison

Technical Parameters

Highlights Differences

All Parameters

Selected Product

COMPARE

DS-2XC6645G0(D)

EXIR Motorized Varifocal Bullet Anti-Corrosion Network Camera

DS-2CD2045FWD-I

4 MP Powered-by-DarkFighter Fixed Mini Bullet Network Camera

Add product to compare

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EMC	FCC (47 CFR Part 15, Subpart B); C E-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (I CES-003: Issue 7); KC (KN32: 2015, KN35: 2015)	N.A.
Safety	UL (UL 62368-1); CB (IEC 62368-1: 2014+A11); CE-LVD (EN 62368-1: 2014/A11: 2017); BIS (IS 13252 (Part 1): 2010/IEC 60950-1: 2005)	N.A.
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)	N.A.
Protection	IP67 (IEC 60529-2013)	IP67
Anti-Corrosion Protection	NEMA 4X (NEMA 250-2018) C5-M: 720H neutral salt spray, 480H water condensation; Exterior environments: industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity; Interior environments: buildings or areas with almost permanent condensation and with high pollution.	N.A.
Audio Type	Mono sound	N.A.
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC/MP3	N.A.
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 Kbps to 320 Kbps (MP3)	N.A.
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz	N.A.
Environment Noise Filtering	Yes	N.A.
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Max. Resolution	2688 × 1520	2688 × 1520
Min. Illumination	Color: 0.0005 Lux @(F1.2, AGC ON), B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR	Color: 0.014 lux @(F1.6, AGC ON), 0 lux with IR
Shutter Time	1/3 s to 1/100,000 s	N.A.
Day & Night		

	IR cut filter	IR cut filter
DORI	2.8 to 12 mm: D: 44.1 to 151.7 m, O: 17.5 to 60.2 m, R: 8.8 to 30.3 m, I: 4.4 to 15.2 m 8 to 32 mm: D: 15 0.3 to 400 m, O: 59.7 to 158.7 m, R: 30.1 to 80 m, I: 15 to 40 m	N.A.
Basic Event	Exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Scene change detection, defocus detection	Line crossing detection, intrusion detection, unattended baggage, object removal, face detection, scene change detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture	N.A.
Power	24 VAC ± 20%, 24V ~ , 1.7 A, 50/60 Hz, 23.5 W; PoE: 802.3at, 42.5 V to 57 V, 0.57 A to 0.43 A, max. 24 W	N.A.
Dimension	179.9 mm × 203.2 mm × 468 mm (7.1" × 8" × 18.4")	N.A.
Package Dimension	606 mm × 270 mm × 335 mm (23.9" × 10.6" × 13.2")	N.A.
Weight	Approx. 9.04 kg (19.93 lb.)	N.A.
With Package Weight	Approx. 10.99 kg (24.22 lb.)	N.A.
Storage Conditions	-30 °C to +60 °C (-22 °F to +140 °F). Humidity 95% or less (non-condensing)	N.A.
Startup And Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F). Humidity 95% or less (non-condensing)	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
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	N.A.
General Function	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Heater	Yes	N.A.
Wiper	Yes	N.A.
Firmware Version	5.5.153	N.A.
Supplement Light Type	IR	N.A.
Supplement Light Range	2.8 to 12 mm: 80 m, 8 to 32 mm: 1	N.A.

	50 m	
Smart Supplement Light	Yes	N.A.
IR Wavelength	Up to 850 nm	N.A.
Image Parameters Switch	Yes	N.A.
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Wide Dynamic Range (WDR)	120 dB	N.A.
Day/Night Switch	Day, Night, Auto, Schedule	Day/Night/Auto/Schedule
Privacy Mask	8 programmable polygon privacy mask	N.A.
SNR	≥ 50 dB	N.A.
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS	BLC/3D DNR/HLC
Video Output	1 Vp-p composite output (75 Ω/BN C)	N.A.
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port	N.A.
On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing.	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm	1 input, 1 output (max. 24 VDC, 1 A or 110 VAC, 500 mA)	N.A.
Reset Key	Yes	N.A.
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm and 8 to 32 mm optional	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° 8 mm, horizontal FOV: 41°, vertical FOV: 23°, diagonal FOV: 48° 12 mm, horizontal FOV: 25°, vertical FOV: 14°, diagonal FOV: 29°
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 94.2° to 38.1° 8 to 32 mm, horizontal FOV 42.2° to 15.1°	N.A.
Focus	Auto, semi-auto, manual	Fixed
Aperture	2.8 to 12 mm: F1.4 8 to 32 mm: F1.7	N.A.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SMTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, SSL/TLS	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets
Simultaneous Live View		

	Up to 6 channels	Up to 6 channels
API	Open Network Video Interface, ISAPI, SDK, Ehome	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
User/Host	Up to 32 users. 3 user levels: administrator, operator and user	Up to 32 users 3 levels: Administrator, Operator and User
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.	Support microSD/SDHC/SDXC card (128G) local storage, NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ Not recommended: Safari 11+, Edge	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+
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)	N.A.
Third Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps	32 Kbps to 16 Mbps
H.264 Type	BaseLine Profile/Main Profile/High Profile	Main Profile/High Profile
H.265 Type	Main Profile	Main Profile
Bit Rate Control	CBR, VBR	N.A.
Scalable Video Coding (SVC)	H.265 and H.264 encoding	N.A.
Region Of Interest (ROI)	1 fixed region for main stream and sub-stream	Support 1 fixed region for main stream and sub-stream separately
Target Cropping	Yes	N.A.