



4MP Dual Illumination Motorized Varifocal Dome Network Camera | 2.7-13.5mm

DS-2CD3748G2T-LIZSU 2.7-13.5

SKU: 143429 UPC: 842571000000

Hikvision 4MP Dual Illumination Motorized Varifocal Dome Network Camera DS-2CD3748G2T-LIZSU

Features

- High-quality imaging with 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Smart Dual-Light: advanced technology with long range
- Clear imaging against strong backlight due to 140 dB WDR technology
- Motorized varifocal lens for easy installation and monitoring
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK10)

Specifications Camera Image Sensor 1/1.8" Progressive Scan CMOS Resolution 2688 x 1520 Illumination Color: 0.001 Lux @ (F1.2, AGC ON), 0 Lux with light Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° Lens Lens Type Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1° Lens Mount Integrated Iris Type DC iris Aperture Max. F1.2 Depth Of Field 1 m to ∞ DORI DORI Wide: D: 60.0m, O: 23.8 m, R: 12.0 m, I: 6.0 m Tele: D: 149 m, O: 59.1 m, R: 29.8 m, I: 14.9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 40 m Smart Supplement Light Yes IR Wavelength 850 nm HEOP Open Resources Memory: 60 MB, Smart RAM: 400 MB, eMMC: 2 GB Computing Power 5 TOPS Open Capability HEOP 2.0 OpendevSDK Deep Learning Structure Caffe, PyTorch, TensorFlow, PaddlePaddle, ONNX Programming Language C, C++ Video Main Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 30 fps (640 x 480, 640 x 360) Third Stream 50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) *Third stream is supported under certain settings. Fourth Stream 50 Hz: 10 fps (1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1280 x 720, 640 x 480, 640 x 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 8 Mbps 264 Type Baseline Profile, Main Profile, High Profile 265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) 264 and H.265 encoding Region Of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression 711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 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-LC) Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Environment Noise Filtering Yes Network 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, SFTP, ARP, SNMP, WebSocket, WebSockets, SRTP Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP 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 Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address) 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. Client iVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0 Image Image Parameters Switch Yes Image Settings Rotate

mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Day/Night Switch Day,Night,Auto,Schedule Wide Dynamic Range (WDR) 140 dB Image Enhancement BLC,HLC,3D
DNR SNR \geq 52 dB Privacy Mask 4 programmable polygon privacy masks Interface Ethernet Interface 1 RJ45 10
M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support
microSD/microSDHC/microSDXC card, up to 512 GB Built-In Microphone -U: Yes, 2 built-in microphones 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 Alarm 2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A) Reset Key Yes Power Output 12
VDC, max. 100 mA Event Basic Event Motion detection (support alarm triggering by specified target types (human and
vehicle)),video tampering alarm,exception Smart Event Line crossing detection, intrusion detection, region entrance
detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)), scene
change detection,audio exception detection,defocus detection Linkage Upload to FTP/NAS/memory card,notify
surveillance center,send email,trigger recording,trigger capture,trigger alarm output,audible warning Deep Learning
Function Face Capture Yes People Counting Yes General Power 12 VDC \pm 25%, 1.0 A, max. 12 W, Φ 5.5 mm coaxial
power plug,reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 14 W Material Metal Dimension \sim 141 mm x
112 mm (\sim 5.6" x 4.4") Package Dimension 244 mm x 174 mm x 173 mm (9.6" x 6.9" x 6.8") Weight 820 g (1.8 lb.) With
Package Weight 1200 g (2.6 lb.) General Function Heartbeat,anti-banding,mirror,flash log,password reset via
email,pixel counter Storage Conditions -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)
Startup And Operating Conditions -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ 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
Approval EMC FCC: 47 CFR Part 15, Subpart B, CE-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: ICES-003: Issue 7 Safety UL: UL
62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017 Environment CE-RoHS: 2011/65/EU,
WEEE: 2012/19/EU Protection IP67: IEC 60529-2013,IK10: IEC 62262:2002