



4MP Outdoor IR Bullet IP Camera

QNO-7010R

SKU: 13726 UPC: 8801090000000

The QNO-7010R from Hanwha's Q Series affordable network camera line is a 4MP bullet network camera featuring WiseStream, Hanwha's compression technology, triple codec H.265/H.264/MJPEG, 2.8mm lens, IR, IP66, IK10, PoE/12VDC, 120dB True WDR, Defocus Detection, Hallway View, one-way audio and SD card slot (SD/SDHC/SDXC up to 128GB).

Features

Max. 4M resolution

Built-in 2.8mm fixed lens (QNO-7010R) 3.6mm fixed lens (QNO-7020R), 6mm fixed lens (QNO-7030R)

Max. 20fps@4M, Max. 30fps@under 2M (H.265/H.264)

H.265, H.264, MJPEG codec supported, Multiple streaming

Motion detection, Tampering, Defocus detection

micro SD (128GB) memory slot, PoE / 12V DC

IR viewable length 20m (QNO-7010R), 25m (QNO-7020R) 30m (QNO-7030R)

Hallway view, WiseStream support, IP66, IK10

LDC support (Lens Distortion Correction)

Video Imaging Device 1/3" 4M CMOS Total Pixels 2,720(H) x 1,536(V) Effective Pixels 2,688(H) x 1,520(V) Scanning System Progressive Min. Illumination Color : 0.5Lux (QNO-7010R), 0.4Lux (QNO-7020R), 0.3Lux (QNO-7030R) B/W : 0Lux (IR LED on) Lens Focal Length (Zoom Ratio) 2.8mm fixed (QNO-7010R), 3.6mm fixed (QNO-7020R), 6mm fixed (QNO-7030R) Max. Aperture Ratio F2.2 Angular Field of View H : 110.0° / V : 63.0° / D : 128.0° (QNO-7010R) H : 81.0° / V : 45.0° / D : 95.0° (QNO-7020R) H : 53.0° / V : 31.0° / D : 62.0° (QNO-7030R) Lens Type Fixed Mount Type Board type Operational IR Viewable Length 20m (65.62ft) : QNO-7010R, 25m (82.02ft) : QNO-7020R, 30m (98.43ft) : QNO-7030R Camera Title Off / On (Displayed up to 20 characters per line) - W/W : English / Numeric / Special characters - China : English / Numeric / Special / Chinese characters - Common : Multi-line (Max. 5), Color (Grey / Green / Red / Blue / Black / White), Transparency, Auto scale by resolution Day & Night True Day & Night Backlight Compensation Off / BLC / WDR Wide Dynamic Range 120dB Digital Noise Reduction SSNR (Off / On) Motion Detection Off / On (4ea polygonal zones) Privacy Masking Off / On (6ea rectangular zones) Gain Control Off / Low / Middle / High White Balance ATW / AWC / Manual / Indoor / Outdoor LDC (Lens Distortion Correction) Off / On (5 levels with min / max) Electronic Shutter Speed Minimum / Maximum / Anti flicker Flip / Mirror Flip / Mirror / Hallway view Intelligent Video Analytics Motion detection with metadata, Tampering, Defocus detection Alarm I/O Input 1 / Output 1 Alarm Triggers Motion detection, Tampering detection, SD card error, NAS error, Alarm input, Defocus detection Alarm Events File upload via FTP and E-mail, Local storage recording at event, Notification via E-mail, External output Pixel Counter Support (Plug-in viewer only) Network Ethernet RJ-45 (10/100BASE-T) Video Compression Format H.265, H.264, MJPEG Resolution 2592 x 1520, 2560 x 1440 (16 : 9), 2304 x 1296, 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240 Max. Framerate H.265/H.264 : Max. 20fps at 4M, Max. 30fps at under 2M MJPEG : Max. 15fps Smart Codec WiseStream Video Quality Adjustment H.265/H.264 : Target bitrate level control, MJPEG : Quality level control Bitrate Control Method H.265/H.264 : CBR or VBR, MJPEG : VBR Streaming Capability Multiple streaming (Up to 3 profiles) Audio I/O Line in Audio Compression Format G.711 u-law / G.726 selectable G.726 (ADPCM) 8KHz, G.711 8KHz, G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps Audio Communication Uni-directional audio IP IPv4, IPv6 Protocol TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour Security HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication Streaming Method Unicast /

Multicast Max. User Access 6 users at unicast mode Storage micro SD/SDHC/SDXC max. 128G, NAS - Motion images recorded in the SD memory card can be downloaded - Manual recording at local PC Application Programming Interface ONVIF Profile S/G, SUNAPI (HTTP API) Webpage Language English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Portuguese, Turkish, Polish, Czech, Dutch, Hungarian, Greek Web Viewer Supported OS : Windows 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11 Plug-in free Webviewer - Supported Browser : Google Chrome 47, MS Edge 20 Plug-in Webviewer - Supported Browser : MS Explore 11, Mozilla Firefox 43, Apple Safari 9 * Mac OS X only Central Management Software SmartViewer Environmental Operating Temperature / Humidity -30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH * Start up should be done at above -20°C (-4°F) Storage Temperature / Humidity -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH Ingress Protection IP66 Vandal Resistance IK10 Electrical Input Voltage / Current PoE (IEEE802.3af, Class3) / 12V DC Power Consumption Max. 7W (PoE), Max. 6W (12V DC) Mechanical Color / Material Dark gray / Metal Dimensions (WxH) Å70.0 x 246.0mm (Å2.76" x 9.69") (Without sunshield) Weight 730g (1.61 lb)