





LNO-6012R

2MP IR Bullet Camera











Key Features

- Maximum 2MP resolution
- Color: 0.03Lux(F2.0, 1/30sec) BW: 0Lux (IR LED on)
- 2.8mm fixed focal
- Maximum 30fps@2MP all resolutions (H.264)
- H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Tampering, Motion detection
- Micro SD/SDHC memory slot (32GB), PoE
- Hallway view (90°/270°), WiseStreamII support
- IR viewable length 30m(98.43ft)
- IP66 support



LNO-6012R

2MP IR Bullet Camera







Specifications

Video	
Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 10fps(@2MP Max. 2fps)
Min. Illumination	Color: 0.03Lux(F2.0, 1/30sec) BW : OLux (IR LED on)
Lens	
Focal Length (Zoom Ratio)	2.8mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 114° / V: 62° / D: 135°
Min. Object Distance	0.5m(1.64ft)
Focus Control	Fixed
Pan / Tilt / Rotate	
Pan / Tilt / Rotate Range	0°~360° / 0°~100° / 0°~360°
Operational	
Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Motion Detection	4ea, rectangler zones
Privacy Masking	6ea, rectangular zones
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90°/270°)
Analytics	Motion detection, Tampering
Alarm Triggers	Analytics
Alarm Events	When alarm trigger occurred - File upload(image) : e-mail/FTP - Notification : e-mail - Recording : SD/SDHC/SDXC or NAS recording at event triggers
Light Type	IR LED (850nm)
Light Viewable Length	30m(98.43ft)

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com Hanwha Vision is formerly known as Hanwha Techwin.



Revorts	Network	
Video Compression H.264: Main/Baseline/High, MJPEG Smart Codec WiseStream II Bitrate Control H.264: Cap or VBR MJPEG VBR Streaming Unicast(a users) / Multicast Multiple streaming (Up to 3 profiles) Multiple streaming (Up to 4 profiles) Multiple streaming		D I_45(10/100DASE_T)
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Bitrate Control MLPEG. VBR MLPEG. VBR MLPEG. VBR MLPEG. VBR MLUTEL STEPHINGER Streaming Unicast (suers) / Multicast Multiple streaming (Up to 3 profiles) Protocol IPAL (IPAK: TCPIP) (DIOPIR) PRIP(IDIOP), RTP(ITCP), RTCP, RTSP, NTP, HTTP HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMP-1/V2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPIP, Bonjour Application Programming Interface ONIF Profile SIG/T SUMAP(INTTP API) Security OS / Firmware Protoct Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication BO2.1X authentication (EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPV2) Secure Communication Access Control Access Control Access Control Access Control Access Control Access Control Audit User Access/System/Event log management Device ID Device Certificate/Hamwha Private Root CA) Secure Storage SDcard partition encrypt General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch Polish, Turkish, Dutch Storage Temperature / Humidity -30°C -+55°C(-22°F -+131°F) / 0-90% RH Environmental & Electrical Operating Temperature / Humidity -30°C -+55°C(-22°F -+131°F) / 0-90% RH Environmental & Electrical Operating Temperature / Humidity -30°C -+55°C(-22°F -+131°F) / 0-90% RH Environmental & Electrical Operating Temperature / Humidity -30°C -+55°C(-22°F -+131°F) / Less than 90% RH Certification IP66 Input Voltage PoE(IEEE802.3a, Class3) Power Consumption Max 6.4W, Typical 5.0W Mechanical Color / Material Dark grey / Plastic Product Dimensions / Weight	·	
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Multiple streaming (Up to 3 profiles) Protocol IPv4, IPv6, TCP/IP. UDP/IP. RTP(TCP), RTCP, RTSP, NTP. HTTPS, SSL/TLS, DHCP, FTP. SMTF, ICMF, ICMF, ICMF, SMMP-1/x2c/x3(MiB-2), ARP, DNS, DoNS, QoS, UPnP, Bonjour	Bitrate Control	MJPEG: VBR
SMTP. (CMP. IGMP. SNMPv1/v2c/v3(MIB-2). ARP, DNS, DDNS, QoS, UPnP, Bonjour Application Programming Interface ONVP Profile S/G/T SUNAP(IHTTP API) Security OS / Firmware Protect Firmware encryption User authentication Digest Authentication, Prevent brute-force attack Network authentication BO2.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2) Secure Communication Access Control Access control Device on Information encryption, ZIP compression encryption Audit User Access/System/Event log management Device ID Device Certificate(Haruwha Private Root CA) Secure Storage SDaard partition encrypt General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch Fidge Storage Micro SD/SDHC 1slot 32GB Memory S12MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity -30°C-+55°C(-22°F ~+131°F) / 0~90% RH -Start up should be done at above -20°C(-4°F) Storage Temperature / Humidity -30°C -+55°C(-22°F ~+131°F) / Less than 90% RH Certification IP66 Input Voltage Poel(EEE802.3af, Class3) Power Consumption Mechanical Color / Material Product Dimensions / Weight -35 Max 6.4W, Typical 5.0W Mechanical DORI (EN62676~4 standard) DORI (EN62676~4 standard) DORI (EN62676~4 standard) Deceted (22PPM/ 8PPF) 25.1m(82.28ft) Observe (63PPM/ 19PPF) 10.0m(32.91ft) Recognize (125PPM/ 38PPF) 5.0m(16.46ft)	Streaming	
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Input Voltage	Storage Temperature / Humidity	-30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH
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Product Dimensions / Weight Ø78.0x262.0mm(Ø3.07x10.31"), 390g(0.86lb) DORI (EN62676-4 standard) Detect (25PPM/ 8PPF) 25.1m(82.28ft) Observe (63PPM/ 19PPF) 10.0m(32.91ft) Recognize (125PPM/ 38PPF) 5.0m(16.46ft)	Mechanical	
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Detect (25PPM/ 8PPF) 25.1m(82.28ft) Observe (63PPM/ 19PPF) 10.0m(32.91ft) Recognize (125PPM/ 38PPF) 5.0m(16.46ft)	Product Dimensions / Weight	ø78.0x262.0mm(ø3.07x10.31"), 390g(0.86lb)
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Recognize (125PPM/ 38PPF) 5.0m(16.46ft)	Observe (63PPM/ 19PPF)	
		5.0m(16.46ft)



LNO-6012R

2MP IR Bullet Camera



CAD Unit:mm [inch]

