



Network

Bullet

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

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Specifications

Video	
Imaging Device	1/2.8" CMOS
Resolution	1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360
Max. Framerate	H.264 : Max. 30fps/25fps(60Hz/50Hz)\nMJPEG : Max. 2fps at 1920x1080, Max.. 3fps at 1280x960, 1280x720,\n Max. 10fps at other resolution
Min. Illumination	Color: 0.03Lux(F2.0, 1/30sec)\nBW : 0Lux (IR LED on)
Lens	
Focal Length (Zoom Ratio)	2.8mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 113.7° / V: 61.5° / D: 134.4°
Min. Object Distance	0.5m(1.64ft)
Focus Control	Fixed
Operational	
Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SDDR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR
Motion Detection	4ea, rectangular 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	File upload via FTP and e-mail \nNotification via e-mail \nSD/SDHC recording at event triggers
IR Viewable Length	30m(98.43ft)
Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.264: Main/Baseline/High, MJPEG
Smart Codec	WiseStream II
Bitrate Control	H.264: CBR or VBR\nMJPEG: VBR
Streaming	Unicast(6 users) / Multicast\nMultiple streaming (Up to 3 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour

Security	HTTPS(SSL) Login Authentication\nDigest Login Authentication\nIP Address Filtering\nUser access log\n802.1X Authentication(EAP-TLS, EAP-LEAP)
Application Programming Interface	ONVIF Profile S/G/T\nSUNAPI(HTTP API)

General

Webpage Language	English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Portuguese, Czech, Polish, Turkish, Dutch
Edge Storage	Micro SD/SDHC 1slot 32GB
Memory	512MB RAM, 256MB Flash

Environmental & Electrical

Operating Temperature / Humidity	-30°C ~ +55°C(-22°F ~ +131°F) / Less than 90% RH\n* 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	PoE(IEEE802.3af, Class2)
Power Consumption	Max 6.4W, Typical 5.0W

Mechanical

Color / Material	Dark grey / Plastic
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)
Identify (250PPM/ 76PPF)	2.5m(8.23ft)

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CAD

Unit:mm [inch]

