Hanwha Vision

Network   Bullet

ANO-L6082R
2MP IR Bullet Camera

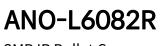FC   cULus LISTED   CE   EAC   NDAA COMPLIANT

Key Features

• 2MP resolution, Up to 30fps(H.265/H.264)
• Color : 0.03Lux (F1.6, 1/30sec), B/W : 0Lux (IR LED On)
• 3.3~10.3mm(3.1x) motorized varifocal
• Day & Night (ICR), WDR (120dB)
• H.265, H.264, MJPEG, Multiple streaming supported
• Motion detection, Tampering, Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing/Direction)
• Hallway view (90-/270-), LDC support, WiseStream II
• IP66

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.

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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.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 10fps(@2MP Max. 2fps)
Min. Illumination	Color: 0.03Lux(F1.6, 1/30sec) BW : 0Lux (IR LED on)

Lens

Focal Length (Zoom Ratio)	3.3~10.3mm(3.1x) motorized varifocal
Max. Aperture Ratio	F1.6(Wide) ~ F3.3(Tele)
Angular Field of View	H: 106°(Wide)~30°(Tele) V: 55°(Wide)~17°(Tele) D: 127°(Wide)~35°(Tele)
Min. Object Distance	0.5m(1.64ft)
Focus Control	Simple focus
Lens Type	DC auto iris

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, Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing/Direction)
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)

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Light Viewable Length	30m(98.43ft)

Network

Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264 : Main/High, MJPEG
Smart Codec	WiseStream II
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(6 users) / Multicast Multiple 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
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API)

Security

OS / Firmware Protect	Firmware encryption
User authentication	Digest Authentication, Prevent brute-force attack
Network authentication	802.1X Authentication(EAP-TLS, EAP-LEAP, EAP-PEAP MSCHAPv2)
Secure Communication	HTTPS, SRTP, WSS(Websocket secure)
Access Control	Access control based on IP address
Data Protect	Authentication information encryption, ZIP compression encryption
Audit	User Access/System/Event log management
Device ID	Device Certificate(Hanwha 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, Hungarian, Greek
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) / 0~95% 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 95% RH
Certification	IP66
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	Max 7.0W, Typical 5.0W

Mechanical

Color / Material	White / Plastic
RAL Code	RAL9003
Product Dimensions / Weight	ø78.0x262.0mm(ø3.07x10.31"), 390g(0.86lb)
Backbox	SBV-A14B

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide: 29.4m(96.32ft) / Tele: 140.4m(460.52ft)
Observe (63PPM/ 19PPF)	Wide: 11.7m(38.53ft) / Tele: 56.1m(184.21ft)
Recognize (125PPM/ 38PPF)	Wide: 5.9m(19.26ft) / Tele: 28.1m(92.10ft)

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| Identify (250PPM/ 76PPF) | Wide: 2.9m(9.63ft) / Tele: 14.0m(46.05ft) |

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CAD

Unit:mm [inch]

3	ANO-L6082R / L7082R	'22.04.14
2	ANO-L7012R / L7022R	'21.11.12
1	ANO-L6012R / L6022R	'21.11.12
No.	MODEL NAME	DATE
Unit:mm[inch]	SCALE:1/1	Hanwha Techwin

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