Hanwha Vision

Network · Dome

ANV-L6023R

2MP Vandal-Resistant Network IR Flateye Dome Camera

Key Features

- 2 Megapixel (1920 x 1080) resolution
- 3.6mm lens w/ 94.8° HFoV
- 30fps@all resolutions (H.265/H.264)
- H.265/H.264, MJPEG codec support, Multiple streaming
- Day & Night (ICR), WDR (120dB)
- Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering
- Micro SD/SDHC memory slot (Max. 32GB), PoE
- Hallway View, WiseStream II support
- IR viewable length 15m
- IP66, IK10, NEMA4X 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.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps(@2MP Max. 4fps)
Min. Illumination	Color: 0.03Lux(F2.0, 1/30sec) BW: 0Lux(IR LED on)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation

Lens

Focal Length (Zoom Ratio)	3.6mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 95° / V: 50° / D: 115°
Min. Object Distance	0.5m(1.64ft)
Focus Control	Fixed

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	±5° / 0°~67° / ±90°

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, polygonal 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 (1/5~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90°/270°)
Analytics	Motion detection, Tampering, Defocus detection , Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing/Direction)
Alarm Triggers	Analytics, Network disconnect
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
Audio In	Line-in

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.

Light Type	IR LED (850nm)
Light Viewable Length	15m(49.21ft)

Network

Ethernet	Metal shielded RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Audio Compression	G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
Smart Codec	WiseStream II
Video Quality Adjustment	H.265/H.264: Target bitrate level control MJPEG: Quality level control
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, LLDP
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

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
Edge Storage	Micro SD/SDHC/SDXC 1slot 128GB
Memory	512MB RAM, 256MB Flash

Environmental & Electrical

Operating Temperature / Humidity	-30°C~+55°C(-22°F ~ +131°F) / 0~95% RH
Storage Temperature / Humidity	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 95% RH
Certification	IP66, IK10, NEMA4X
Input Voltage	PoE(IEEE802.3af, Class3)
Power Consumption	Max 6.70W, Typical 5.00W

Mechanical

Color / Material	White / Aluminum
RAL Code	RAL9003
Product Dimensions / Weight	98.9x52.0x100.0mm(3.89x2.05x3.94"), 295g(0.65 lb)

DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	35.3m(115.84ft)
Observe (63PPM/ 19PPF)	14.1m(46.33ft)
Recognize (125PPM/ 38PPF)	7.1m(23.17ft)
Identify (250PPM/ 76PPF)	3.5m(11.58ft)

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