

 Network  Dome

# ANV-L7082R

4MP IR Outdoor Vandal Dome Camera



## Key Features

- 4MP resolution, Up to 30fps
- Color : 0.1Lux (F1.6, 1/30sec), B/W : 0Lux (IR LED On)
- 3.3 ~ 10.3mm motorized varifocal with Simple Focus
- IR viewable length: 30m (98.42ft)
- Day & Night (ICR), WDR (120dB)
- H.265, H.264, MJPEG, Multiple streaming supported
- Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering
- Hallway view (90°/270°), LDC support, WiseStream II
- Micro SD/SDHC/SDXC memory 1 slot (Max. 128GB)
- IP66, IK10

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4MP IR Outdoor Vandal Dome Camera



## Specifications

### Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		2560x1440, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	15fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.1
	BW(1/30sec, 30IRE)	0.01

### Lens

Focal Length (mm)		3.3~10.3
Max Aperture Ratio (F number)	Wide	1.6
	Tele	3.3
Angular Field of View	Horizontal	95°~28°
	Vertical	51°~15°
	Diagonal	113°~32°
Min. Object Distance		0.5m(1.64ft)
Focus Control		Simple focus, Manual
Lens Type		DC auto iris

### Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~350°
	Tilt	0°~67°
	Rotate	0°~355°

### Operational

Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR, SSDR
Wide Dynamic Range (dB)	120
Digital Noise Reduction	SSNR

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

## Operational

<b>Motion Detection</b>	Quantity	4ea
	Shape	8point Polygonal zones
<b>Privacy Masking</b>	Quantity	6ea
	Shape	Rectangular zones
<b>Gain Control</b>		Low, Middle, High
<b>White Balance</b>		ATW, AWC, Manual, Indoor, Outdoor
<b>LDC</b>		Support
<b>Electronic Shutter</b>	Mode	Minimum, Maximum, Anti flicker
	Speed Range	1/5~1/12,000sec
<b>Video Rotation</b>		Flip, Mirror, Hallway view(90°/270°)
<b>Alarm Triggers</b>		Analytics, Network disconnect
<b>Alarm Events When Alarm Trigger Occurred</b>		File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers, Handover: PTZ preset
<b>Light Type</b>		IR LED
<b>Light Viewable Length</b>	IR	30m(98.42ft)
<b>IR Wavelength</b>		850nm

## Analytics

<b>Analytics Events</b>	Normal	Defocus detection, Motion detection, Tampering, Virtual area(Intrusion/Enter/Exit), Virtual line(Crossing, Direction)
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## Network

<b>Ethernet</b>	RJ-45(10/100BASE-T)	
<b>Video Compression</b>	H.265/H.264: Main/High, MJPEG	
<b>Smart Codec</b>	Manual, WiseStream II	
<b>Bitrate Control</b>	H.265/H.264: CBR or VBR, MJPEG: VBR	
<b>Streaming</b>	Unicast	Up to 6 users
	Multicast	Support
	Multiple Streaming	Up to 3 profiles
<b>Protocol</b>	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, SRTP(TCP, UDP Unicast), PPPoE, PIM-SM	
<b>Application Programming Interface</b>	ONVIF	S, G, T
	Others	SUNAPI(HTTP API)
<b>Direct Cloud Connection</b>		Optional (needs gateway)

## Security

<b>OS / Firmware Protect</b>	Encrypted firmware
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## Security

User authentication	Digest authentication, Prevent brute-force attack
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)
Secure Communication	HTTPS, WSS(WebSocket Secure), SRTP
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management
Device ID	Device certificate(Hanwha Vision Root CA)
Secure Storage	SDcard partition encrypt(AES-256)

## General

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

## Environmental & Electrical

Operating Condition	Temperature	-30°C~+55°C(-22°F~+131°F)
	Humidity	0~95% RH(non-condensing)
	Others	Start up should be done at above -20°C
Storage Condition	Temperature	-30°C~+55°C(-22°F~+131°F)
	Humidity	0~95% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3)
Power Consumption	PoE	Max. 8.0W, typical 6.0W

## Mechanical

Color	White
Material	Aluminum, Plastic
RAL Code	RAL9003
Product Dimensions	ø137.8x107.1mm(5.43x4.22")
Product Weight	550g(1.21lb)
Compatible Gang Box	Single, Double, 4" Octagon

## Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1, IEC 62471
Environment	IEC/EN 63000, IEC 60529 IP66, IEC 62262 IK10

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**DORI (EN62676-4 standard)**


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<b>Detect (25PPM/ 8PPF)</b>	Wide	46.9m(153.92ft)
	Tele	205.4m(673.73ft)
<b>Observe (63PPM/ 19PPF)</b>	Wide	18.8m(61.57ft)
	Tele	82.1m(269.49ft)
<b>Recognize (125PPM/ 38PPF)</b>	Wide	9.4m(30.78ft)
	Tele	41.1m(134.75ft)
<b>Identify (250PPM/ 76PPF)</b>	Wide	4.7m(15.39ft)
	Tele	20.5m(67.37ft)

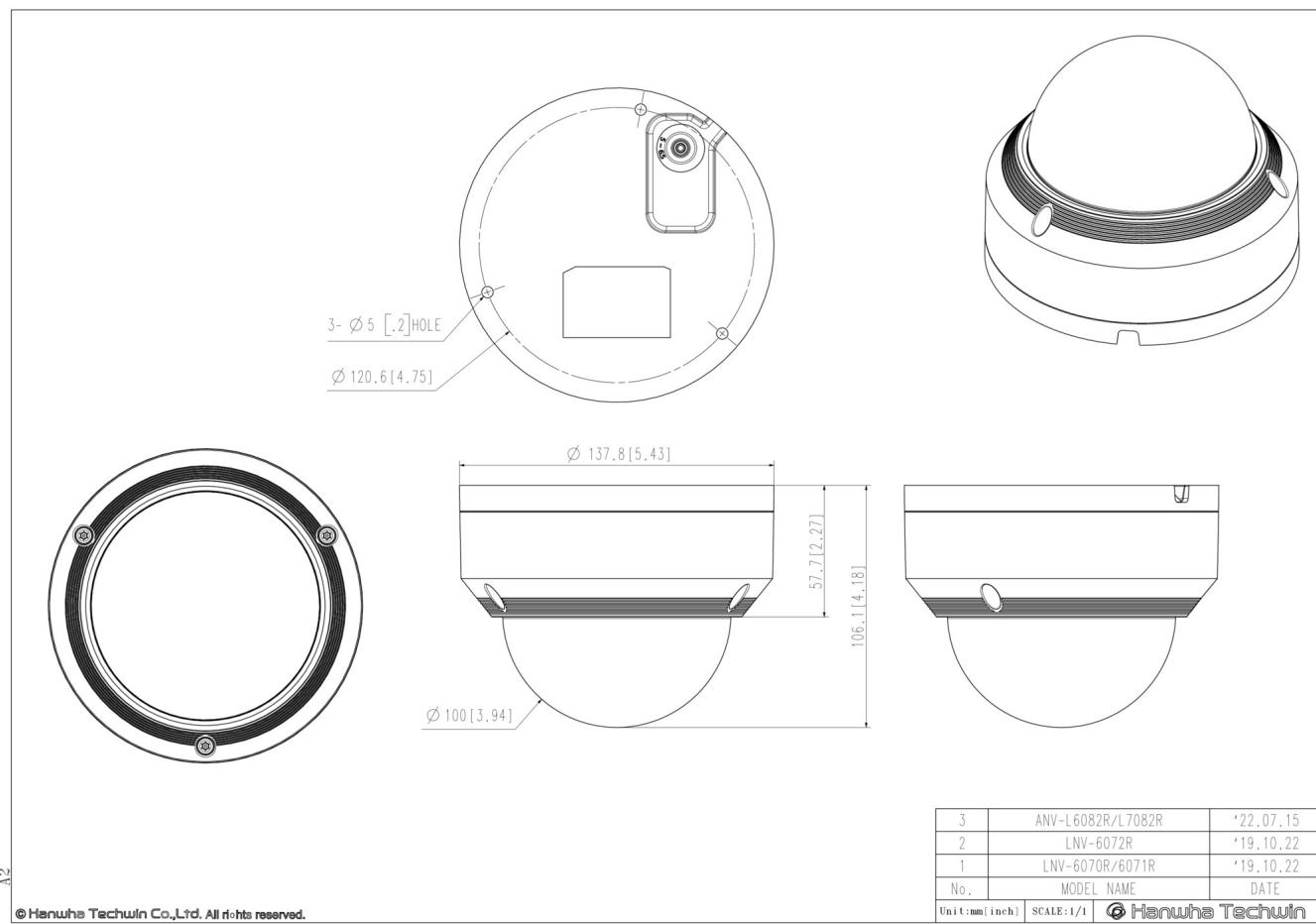
ANV-L7082R

# ANV-L7082R

4MP IR Outdoor Vandal Dome  
Camera


**CAD**

Unit: mm [inch]



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