

The Hanwha Vision ACV-8080R is a 5MP outdoor analog HD vandal dome security camera belonging to the Wisenet A Series line. It is designed to deliver high-resolution video over existing coaxial cabling infrastructure without requiring an upgrade to an IP network.



Key Features

- For remote surveillance needs, this network camera is best suited
- 10.50 mm maximum focal length with sharp output to help identify and locate the object with added efficiency
- 3x optical zoom for desired image clarity and maximum capturing convenience
- Infrared night vision type effectively captures visible footage without requiring any external sources of light
- Varifocal lens 3.5mm~10.5mm (2.44x) motorized Varifocal type to ensure maximum surveillance dependability and optimal performance
- 12v DC power source type for your network camera provides optimal performance with maximum usability
- Ceiling Mount type is reliable and allows trouble-free and easy usage
- Digital Wide Dynamic Range (D-WDR) feature for better reliance and usability
- Wired connectivity technology delivers exceptional performance to offer maximum usability
- Wired connectivity technology offers maximum visual convenience 5MP resolution @ 30FPS, 4MP @ CVI
- 0.08Lux@F1.6(Color), 0Lux (Black and White: IR LED on)
- IR distance 65.6 ft (19.99 m)
- IP66/IP67 Ingress Protection
- IK10 Vandal Resistance
- 12v DC power
- 500m Maximum transmission distance.
- Easy installation (Plug and play), Coaxial control
- Multi-protocol compatible with AHD, TVI, CVI, CVBS

Specifications



Video	
Imaging Device	1/2.5" CMOS
Resolution	2592x1944, 2560x1440
Max. Framerate	Max. 30fps (@5MP Max. 20fps, CVI supports up to 4M)
Min. Illumination	Color : 0.4Lux (F1.6, 1/30sec) B/W : 0Lux (IR LED on)
Video Out	BNC: AHD/TVI/CVI/CVBS Selectable
Video Transmission Distance	300m(5C2V Coaxial Cable)

Lens	
Focal Length (Zoom Ratio)	4.3mm~10.5mm (2.44x) motorized varifocal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 88°(Wide)~34°(Tele) V: 63°(Wide)~26°(Tele) D: 112°(Wide)~43°(Tele)
Min. Object Distance	0.8m(2.62ft)

Operational	
Day & Night	Auto(ICR)
Backlight Compensation	BLC
Wide Dynamic Range	DWDR
Digital Noise Reduction	2D + 3DNR
Gain Control	LOW / MIDDLE / HIGH
White Balance	ATW / AWC
Electronic Shutter Speed	AUTO(1/30~1/50,000)
Video Rotation	MIRROR/V-FLIP/ROTATE
IR Viewable Length	20m(65.62ft)
Coaxial Protocol	ACP(AHD Coax Protocol), TCP(TVI Coax Protocol), CCP(CVI Coax Protocol) CVBS: Pelco-C(Coaxitron)

Environmental & Electrical	
Operating Temperature / Humidity	-30°C~-55°C(-22°F~+131°F) / 0~90% RH
Storage Temperature / Humidity	-30°C~+60°C(-22°F~+140°F) / 0~90% RH
Certification	IP66, IK10
Input Voltage	12VDC
Power Consumption	Max 7.2W, Typical 5.8W

Mechanical	
Color / Material	White / Aluminum / Plastic
Product Dimensions / Weight	ø132x103mm(ø5.20"x 4.06"), 550g(1.21lb)
Backbox	SBV-A14B

Certifications & Standards	
EMC	FCC 47 CFR 15 Subpart B Class A ICES-3(A)/NMB-3(A)
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1 IEC 62471