Analog

ACV-8081R

5MP IR Dome Camera
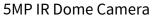
Key Features

- Maximum 5MP resolution, Up to 20fps
- Day&Night (ICR), WDR (95dB)
- IR viewable length: 25m (82.02ft)
- Focal length: 3.5mm~10.5mm (3x) motorized varifocal
- IP66, IK10

ACV-8081R
5MP IR Dome Camera

Specifications

Video

Imaging Device	1/2.8" CMOS
Resolution	2592x1944, 2560x1440
Max. Framerate	Max. 30fps (@5MP Max. 20fps)
Min. Illumination	Color : 0.06Lux (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)	3.5mm~10.5mm (3x) motorized varifocal
Max. Aperture Ratio	F1.6
Angular Field of View	H: 82°(Wide)~27°(Tele) V: 60°(Wide)~20°(Tele) D: 105°(Wide)~33°(Tele)
Min. Object Distance	0.8m(2.62ft)

Operational

Day & Night	Auto(ICR)
Backlight Compensation	BLC, WDR
Wide Dynamic Range	95dB
Digital Noise Reduction	2D + 3DNR
Gain Control	LOW / MIDDLE / HIGH
White Balance	ATW / AWC
Electronic Shutter Speed	AUTO(1/30~1/30,000)
Video Rotation	MIRROR/V-FLIP/ROTATE
IR Viewable Length	25m(82.02ft)
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"x4.06"), 550g(1.21lb)

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.

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

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.

© Hanwha Vision CO., LTD. All rights reserved.

3/3