

ACE-8020R

5MP IR Dome Camera



The Hanwha Vision 5Megapixel Turret Camera, ACE-8020R, is the perfect solution for all your security needs. This high-quality camera boasts impressive features, making it a top-of-the-line choice for both residential and commercial security systems. With its advanced technology and durable design, the ACE-8020R is a reliable and long-lasting option for monitoring your property.

This Wisenet 5Megapixel IR turret camera is capable of operating in both day and night mode, providing round-the-clock surveillance. An extensive area can be captured with a focal length of 3.6 mm and a horizontal field of view of 94°. The vertical field of view of 54° also allows for comprehensive coverage of your premises.

Equipped with a 5-megapixel resolution, the ACE-8020R can deliver high-quality video footage at 30 frames per second (FPS). It supports up to 4M through the CVI format, providing clear and sharp images. The camera can also capture clear footage even in low light or complete darkness. This feature is especially useful for outdoor surveillance, where lighting conditions can vary.

Key Features

- 5 Megapixel resolution @ 30FPS, 4MP @ CVI, 5Megapixel resolution @ 30FPS, 5Megapixel resolution @ 4MP @ CVI
- The color is 0.08Lux@F1.6, and the color is 0Lux.
- 3.6mm fixed focal length lens Angular Field of View H: 94° / V: 54°
- Day and Night (ICR), DWDR, and DWDR
- The infrared distance is 65.6 feet (19.99 meters)
- IP67 Ingress Protection
- Vandalism resistance level 10.
- 12v DC power
- The maximum distance for transmission is 500 meters.
- Coaxial control, Plug and play installation.
- This product is multi-protocol compatible with AHD, TVI, CVI, and 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)	3.6mm fixed focal
Max. Aperture Ratio	F1.6
Angular Field of View	H:83.9° / V:63.4° / D:104°
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	IP67, IK10
Input Voltage	12VDC
Power Consumption	Max 5.4W, Typical 4.3W
Mechanical	
Color / Material	White / Aluminum / Plastic
Product Dimensions / Weight	ø120x82mm(ø4.72"x3.23"), 410g(0.90lb)
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