

HCV-8080R



Analog

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AHD 5MP Vandal Dome IR Camera



Key Features

- 5MP Resolution
- 0.11 Lux@F1.6 (Color), 0 Lux (B/W : IR LED on)
- 3.47 ~ 10mm (2.88x) motorized V/F lens
- Day & Night (ICR), WDR (120dB)
- SSNRIV, Motion detection
- IR viewable length 30m, IP66, IK10
- Transmission distance max.500m
- Easy Installation (Plug & play), Dual power

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Specifications

Video

Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution		2592x1944, 2560x1440
Max. Framerate(NTSC/PAL)		30fps (@5MP Max. 20fps)
Min. Illumination	Color(1/30sec, 30IRE)	0.11Lux
	BW(1/30sec, 30IRE)	0.011Lux(IR LED off)
Video Out		BNC(AHD/TVI/CVI/CVBS selectable) AHD: 5M/4M/2M, TVI: 2M, CVI: 2M
Video Transmission Distance		500m(5C2V Coaxial Cable, AHD condition)

Lens

Focal Length (mm)		3.47~10mm(2.88x) motorized varifocal
Max Aperture Ratio (F number)	Wide	1.6
	Tele	2.9
Angular Field of View	Horizontal	90.92°(Wide) ~ 31.2°(Tele)
	Vertical	66.27°(Wide) ~ 23.5°(Tele)
	Diagonal	119.14°(Wide) ~ 38.8°(Tele)
Min. Object Distance		0.5m(1.64ft)
Focus Control		Simple focus, Manual
Lens Type		DC auto iris(IR corrected)

Pan / Tilt / Rotate

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

Operational

Camera Title	Displayed up to 15 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR

Operational

Wide Dynamic Range (dB)		120
Digital Noise Reduction		SSNRIV
Defog		Support
Motion Detection	Quantity	4ea
Privacy Masking	Color / Option	16ea Rectangular zones / 8ea Polygonal zones
Gain Control		Low, Middle, High, Off
White Balance		ATW, AWC, Manual, Indoor, Outdoor
Electronic Shutter	Speed Range	1~1/12,000sec
Video Rotation		Flip, Mirror
Alarm Interface	In/Out	Output 1ea
	Others	MD output
Alarm Triggers		Analytics
Alarm Events When Alarm Trigger Occurred		Alarm output
IR Viewable Length		30m (98.43ft)
Coaxial Protocol		ACP, TCP, CCP, CVBS

Environmental & Electrical

Operating Condition	Temperature	-30°C~+55°C(-22°F~+131°F)
	Humidity	0~90% RH(non-condensing)
	Others	Start up should be done at above -10°C
Input Voltage		24VAC, 12VDC
Power Consumption	12VDC	Max 6.5W
	24VAC	Max 6.5W

Mechanical

Color		Ivory
Material		Aluminum
Product Dimensions		Ø137.0 x 106.1mm(Ø5.39" x 4.18")
Product Weight		730g

Certifications & Standards

Environment	IEC 60529 IP66, IEC 62262 IK10
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