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Overview

- > Max 30fps@1080P
- > HD and SD output switchable
- > 3.6mm fixed lens (6mm, 8mm optional)
- > Max. IR length 80m, Smart IR
- > IP67, DC12V

Specification

HAC-HFW1200TH-I8 Specification					
Camera					
Image Sensor	1/2.7 inch CMOS				
Effective Pixels	1920 (H) × 1080 (V), 2MP				
Electronic Shutter Speed	PAL:1/25s–1/100000s NTSC:1/30s–1/100000s				
Minimum Illumination	0.02Lux/F1.85, 30IRE, 0Lux IR on				
IR Distance	Distance up to 80 m (262.46ft)				
IR On/Off Control	Auto; manual				
IR LEDs Number	2				
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–180° Rotation: 0°–360°				
Lens					
Lens Type	Fixed-focal				
Mount Type	M12				
Focal Length	3.6 mm; 6 mm; 8 mm				
Max. Aperture	F1.85				
Angle of View	3.6 mm: 103.8° × 87.5° × 47° (diagonal × horizontal × vertical) 6 mm: 62.4° × 54.7° × 31.3° (diagonal × horizontal × vertical) 8 mm: 48° × 41° × 23° (diagonal × horizontal × vertical)				
Iris Type	Fixed iris				
Min Photographic Distance	0.9 m/2.0 m/3.5 m (2.95 ft/6.56 ft/11.48 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	3.6mm	53.3 m (174.86 ft)	21.3 m (69.88 ft)	10.7 m (35.10 ft)	5.3 m (17.38 ft)

	6mm	80 m (262.46 ft)	32 m (104.98 ft)	16 m (52.49 ft)	8 m (26.24 ft)
	8 mm	106.7 m (350.06 ft)	42.7 m (140.09 ft)	21.3 m (69.88 ft)	10.7 m (35.10 ft)
Video					
Video Frame Rate	CVI: 1080P@25fps/30fps; 720P@25fps/30fps; 720@50fps/60fps; AHD: 1080P@25fps/30fps; 720P@25fps/30fps; TVI: 1080P@25fps/30fps; 720P@25fps/30fps; 720@50fps/60fps; CVBS: 960H				
Resolution	1080P (1920 × 1080); 720P (1280 × 720); 960H (960 × 576/960 × 480)				
Day/Night	Auto switch by ICR				
BLC	BLC/HLC/DWDR				
WDR	DWDR				
White Balance	Auto; manual				
Gain Control	Auto; manual				
Noise Reduction	2D NR				
Smart IR	Yes				
Electronic Defog	Yes				
Mirror	Off/On				
Privacy Masking	Off/On (8 area, rectangle)				
Certifications					
Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)				
Port					
Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port				
Power					
Power Supply	12V±30% DC				
Power Consumption	Max 4.9W (12V DC, IR on)				
Environment					
Operating Temperature	-40°C to +60°C (-40°F to +140°F); <95% (non-condensation)				
Storage Temperature	-40°C to +60°C (-40°F to +140°F); <95% (non-condensation)				
Protection Grade	IP67				
Structure					
Casing	Metal front face + plastic main body + metal bracket				
Dimensions	240.7 mm × 90.7 mm × 90.4 mm (9.48" × 3.57" × 3.56")				
Net Weight	410 g (0.90 lb)				
Gross Weight	616 g (1.36 lb)				

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