

# IPC-HFW1230TP-ZS-S4

Dahua IPC-HFW1230TP-ZS-S4 2 MP IP zoom kamera; Piksel 1920×1080; IR işıqlandırma - 50 m; F2.8 - 12 mm; Bucaq-101°-33.5°;

Model	IPC-HFW1230TP-ZS-S4
Brend	Dahua
Növ	IP
Meqapixel	2 MP
Obyektiv	Motorized
Fokus	2.7 - 13.5
İşıqlandırma	İR
İşıqlandırma məsafəsi	50 m
Qoruma	IP67
Material	Metal



## Specification

Camera	
Image Sensor	1/2.8" CMOS
Max. Resolution	1920 (H) × 1080 (V)
ROM	16 MB
RAM	128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
Min. Illumination	0.005 Lux@F1.5 (Color, 30 IRE) 0.0005 Lux@F1.5 (B/W, 30 IRE) 0 Lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	50 m (164.04 ft) (IR)
Illuminator On/Off Control	Auto; Manual
Illuminator Number	2 (IR)
Pan/Tilt/Rotation Range	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°

Lens					
Lens Type	Motorized vari-focal				
Lens Mount	φ14				
Focal Length	2.8 mm–12 mm				
Max. Aperture	F1.5				
Field of View	Horizontal: 101°–33.5°; Vertical: 52.5°–19°; Diagonal: 125°–38.5°				
Iris Control	Fixed				
Close Focus Distance	1.2 m (3.94 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	48 m (157.48 ft)	19 m (62.34 ft)	10 m (32.81 ft)	5m (16.40 ft)
	T	131 m (429.79 ft)	52 m (170.60 ft)	26 m (85.30 ft)	13m (42.65 ft)
Video					
Video Compression	H.265; H.264; H.264B; MJPEG (Only supported by the sub stream)				
Smart Codec	Smart H.265+; Smart H.264+				
Video Frame Rate	Main stream:1920 × 1080@1–25/30 fps Sub stream: 704 × 576@1–25 fps/704 × 480@1–30 fps  *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.				
Stream Capability	2 streams				
Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)				
Bit Rate Control	CBR/VBR				
Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps				
Day/Night	Auto(ICR)/Color/B/W				
BLC	Yes				
HLC	Yes				
WDR	DWDR				
Scene Self-adaptation (SSA)	NA				
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom				
Gain Control	Auto; manual				
Noise Reduction	3D NR				
Motion Detection	OFF/ON (4 areas, rectangular)				
Region of Interest (RoI)	Yes (4 areas)				
Smart Illumination	Yes				
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower)				
Mirror	Yes				
Privacy Masking	4 areas				
Alarm					
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; security exception; defocus detection				

<b>Network</b>	
<b>Network Port</b>	RJ-45 (10/100 Base-T)
<b>SDK and API</b>	Yes
<b>Cyber Security</b>	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade
<b>Network Protocol</b>	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast; DDNS
<b>Interoperability</b>	ONVIF (Profile S/Profile T); CGI; P2P; Milestone
<b>User/Host</b>	6
<b>Storage</b>	FTP; Micro SD card (Support max. 256 G)
<b>Browser</b>	IE Chrome Firefox
<b>Management Software</b>	Smart PSS; DSS; DMSS
<b>Mobile Client</b>	IOS; Android
<b>Certification</b>	
<b>Certifications</b>	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
<b>Power</b>	
<b>Power Supply</b>	12 V DC; PoE
<b>Power Consumption</b>	Basic: 1.8W (12 V DC); 2.3W (PoE) Max. (H.265 + ICR + IR intensity): 4.3 W (12V DC); 5.5 W (PoE)
<b>Environment</b>	
<b>Operating Temperature</b>	-30 °C to +60 °C (-22 °F to 140 °F)
<b>Operating Humidity</b>	≤95%
<b>Storage Temperature</b>	NA
<b>Protection</b>	IP67
<b>Structure</b>	
<b>Casing</b>	Metal
<b>Product Dimensions</b>	244.1 mm × Ø90.4 mm (9.61" × Ø3.56")
<b>Net Weight</b>	0.86 kg (1.90 lb)
<b>Gross Weight</b>	1.12 kg (2.47 lb)