

DAHUA DH-IPC-HFW1431TP-ZS-S4

Main characteristics

Video compression	H.265, H.264, MJPEG
IR illumination range	50 meters
Protection class	IP67
Resolution	4 megapixels
Installation	Street, Indoor

Characteristics

Permission support	4MP (2688x1520), 4MP (2560x1440), 2MP (1920x1080), 1MP (1280x720), D1 (704x576), CIF (352x288)
BLC	Supported
Ethernet	RJ -45 (10 / 100Base -T)
HLC	Supported
PoE	PoE (802.3af)
ROI	Supported
ROM / RAM	128M / 128M
WDR	Supported
Aperture	F1.7
White balance	Auto
Weight	850 g
Video bitrate	H.264: 32-6144 Kbps; H.265: 12-6144 Kbps
Video compression	H.265, H.264, H.264B, MJPEG
Humidity	95%
Invasion of the area	there is
Backlight range	50m
Object identification	6.6-20 m
Reset buton	there is
Number of diodes	2
Number of simultaneous connections	20
Number of threads	2
Lens mount	Form 14
Local storage	micro SD up to 256GB
Max. Resolution	2688x1520
Material	Metal
The matrix	1/3 progressive Scan CMOS

Storage method	Dahua Cloud; FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
Min. Sensitivity	0.03 Lux / F1.7 (Color), 0 Lux with IR
Mobile platforms	iOS, Android
Object observation	26-80 m
Image settings	Brightness, contrast, saturation
Object detection	66-200 m
Basic processing functions	Mirroring, privacy masks (4 zones)
Crossing the line	there is
Food	DC 12V \pm 30%
Noise Reduction (DNR)	3D-DNR
Browser support	IE (versions newer than IE8), Chrome, Firefox, Safari (versions newer than Safari 12)
Power consumption	7.4 Watt
Software	Smart PSS, DSS, DMSS
Working temperature	-30 ° C - + 60 ° C
Dimensions	Φ 90x244 mm
Object recognition	13-40 m
Focus distance	0.8 m
Axis adjustment	Pivot: 0 ° ~ 360 °; Tilt: 0 ° ~ 90 °; Rotation: 0 ° ~ 360 °
Day / Night Mode	Auto / manual
Network protocols	TCP / IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 UDP, Bonjour
Shutter speed	Auto / manual, 1/3 - 1 / 100000s
Compatibility	ONVIF (Profile S / Profile G), CGI, Milstone, Genetec, P2P
Degree of protection	IP67
Lens type	Motorized
Backlight type	IR
Flow control	CBR / VBR
Focal length	2.8-12 mm
Frame rate (main stream)	4MP - 20fps, 3MP - 25fps, 1080p - 25fps, 720p - 25fps
Frame rate (sub stream)	D1 - 25fps, VGA - 25fps, CIF - 25fps