

IPC-HDW1239VP-A-IL-0280B

DH-IPC-HDW1239VP-A-IL-0280B 2MP 30M Full-color Mic IR Eyeball Kamera

- 2-megapixel IP video camera with two backlights, designed for installation in internal security systems
- Pixels: 1920 × 1080
- IR=30m
- Built-in Microphone
- IP67

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal

**Detailed**

Camera	
The matrix	1/2. 8 " CMOS, 2 MP
Effective Pixels (G×H)	1920×1080
ROM	128 Mbytes
RAM	128 Mbytes
Scan	Progressive
Electronic shutter	Auto, manual (1/3 s ~ 1/100000 s)

Sensitivity	0.005 lux (color, F1. 6, 30 IRE) 0.0005 lux (B / w, F1. 6, 30 IRE) 0 lux (backlight)				
Signal-to-noise ratio	>56 dB				
Illumination range	≤ 30 m (IR illumination) ≤ 30 m (LED illumination)				
Backlight control	Auto, manual				
Illumination module	1 IR diode 1 warm spectrum LED				
Setting up by axes	Rotation: $0^\circ \sim 360^\circ$ Tilt: $0^\circ \sim 78^\circ$ Rotation: $0^\circ \sim 360^\circ$				
Lens					
Type	Fixed				
Mounting type	Built-in (M12)				
Focal length	2.8 mm / 3.6 mm				
Aperture value	F1.6				
Field of view	Horizontal: $104^\circ / 88^\circ$ Vertical: $55^\circ / 44^\circ$ Diagonal: $124^\circ / 105^\circ$				
Aperture Control	No				
Minimum focusing distance	0.8 m / 1.3 m				
Distance O. N. R. I. (DORI)	Focal length	Detection	Observation	Speech recognition	Identification
	2.8 mm	44.1 m	17.7 m	8.8 m	4.4 m
	3.6 mm	58.9 m	23.6 m	11.8 m	5.9 m
Professional video analytics					
Detecting people	Supports classification and accurate detection of people				
Smart Search	Works in conjunction with intelligent IP video recorders to perform accurate intelligent search, receive events, and link events to video.				

Video	
Video Compression	H. 265, H. 264 (Base, Main, High), MJPEG (on an additional stream)
Optimized codecs	H.265+, H.264+
Frame Rate	<p>Main stream: 1920 × 1080 @ 1 fps ~ 25 fps Secondary stream 1: 704×576 @ 1 fps ~ 25 fps *The values shown for each video stream are the maximum; if multiple video streams are transmitted simultaneously, their frame rate will decrease depending on the available computing resources.</p>
Number of threads	2
Frame formats	1080p (1920×1080), 960p (1280×960), 720p (1280×720), D1 (704×576), VGA (640×480), CIF (352×288)
Video stream monitoring	CBR, VBR
Video Stream Size	H.264: 32 Kbit / s ~ 4096 Kbit / s H.265: 12 Kbit / s ~ 4096 Kbit / s
Day / Night mode	Switching the IR filter (auto, manual)
Background light compensation	BLC, HLC
Wide dynamic range	DWDR
White Balance	Auto, Natural, Street lighting, Street, Manual, Zonal
Signal amplification	Auto, manual
Noise reduction	3D DNR
Motion Detection	Yes (4 zones)
Areas of Interest (RoI)	Yes (4 zones)
Intelligent illumination	There are
Rotate an image	90°, 180°, 270°
Mirroring	There are
Private areas	Yes (4 zones)
Audio	
Built-in microphone	There are

Audio Compression	G.711a, G.711mu, G.726, PCM
Alarm system	
Disturbing events	Network failure, IP address conflict, Unauthorized access, Motion, Lens closing, Audio detector alarm, SMD (people) alarm, Security error
Network	
Ethernet	RJ-45 (10 Mbps, 100 Mbps)
Protocols	ARP, DDNS, DHCP, DNS, FTP, HTTP, ICMP, IGMP, IPv4, IPv6, Multicast, NTP, RTCP, RTP, RTSP, SMTP, TCP, UDP
Safety	Configuration encryption, Trusted execution, Digest authentication, Security logs, HTTPS, trusted update, WSSE, Trusted upload, Account lockout, X. 509 certificate generation and import, Video encryption
Compatibility	ONVIF (S, T), CGI
SDK and API	There are
Maximum number of connections	6 (total 24 Mbit/s stream)
Peripheral storage	FTP
Web clients	Internet Explorer, Google Chrome, FireFox
Customers	Smart PSS Lite, DSS, DMSS
Mobile clients	iOS, Android
Certification process	
Certificates	EN62368-1 (EU Low voltage equipment) Directive 2014/30/EU (EU EMC)
Power supply	
Food	12 V (DC), PoE (802.3 af)
Power consumption	Basic information: 1.8 W (12V), 2.3 W (PoE) Max (H. 265, Video Analytics, WDR, Backlight): 4.5 W (12V), 5.6 W (PoE)
Operating conditions	

Operating temperature	-40°C ~ +60°C
Operating humidity	≤95%
Storage temperature	-40°C ~ +60°C
Storage humidity	≤95%
Protection	IP67
Physical parameters	
Housing material	Metal, plastic
Sizes	Ø 109.9 mm × 100.9 mm
Weight	Net weight: 0.33 kg Gross weight: 0.45 kg