Dahua Technology IPC DH- -HDBW3841R-ZS-S2 security camera Dome IP security camera Indoor & outdoor 3840 x 2160 pixels Ceiling

Brand : Dahua Technology

Product family: IPC

Product code: DH-IPC-HDBW3841R-ZS-S2

Product name : DH-IPC-HDBW3841R-ZS-S2

8MP IR Vari-focal Dome WizSense Network Camera
Dahua Technology IPC DH- -HDBW3841R-ZS-S2. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: Assorted colours, Form factor: Dome. Angle of rotation: 355°, Lens viewing angle, horizontal: 109 - 30°, Lens viewing angle, vertical: 56 - 17°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.8 mm (1 / 2.8"), Number of effective pixels (H x V): 3840 x 2160 pixels. Minimum illumination (panoramic camera): 0.0007 lx, Signal-to-Noise Ratio (SNR) (panoramic camera): 56 dB

Performance	
Type *	IP security camera
Placement supported *	Indoor & outdoor
Connectivity technology *	Wired
Wide Dynamic Range (WDR)	✔
Day/night mode	✔
Alarm input/output	✔
Dynamic range	120 dB

Design	
Form factor *	Dome
Mounting type *	Ceiling
Product colour *	Assorted colours
LED indicators	✔
Housing material	Metal
Protection features	Vandal proof
International Protection (IP) code	IP67
IK code	IK10
Weatherproof	✔
Fog proof	✔

Camera	
Camera tilt control	✘
Angle of rotation	355°
Lens viewing angle, horizontal	109 - 30°
Lens viewing angle, vertical	56 - 17°
Lens viewing angle, diagonal	131 - 35°
Tilt angle range	0 - 80°
Pan range	0 - 355°
White balance	Auto, Custom modes, Manual, Natural, Outdoor, Street lamp
Camera shutter type	Mechanical
Camera shutter speed	1/3 s–1/100,000
Adjustment shutter speed	Auto/Manual

Image sensor	
Number of sensors	1
Optical sensor size	25.4 / 2.8 mm (1 / 2.8")
Progressive scan	✔
Sensor type *	CMOS
Number of effective pixels (H x V)	3840 x 2160 pixels

Lens system	
Number of lenses *	1

Night vision	
Night vision *	✔

Video	
Maximum resolution *	3840 x 2160 pixels
Total megapixels *	8 MP
Video formats supported	H.264+, H.265+
Video compression formats	H.264, H.264B, H.264H, H.265
Noise reduction	✔
Noise reduction technology	3D noise reduction
Gain control type	Auto
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Back Light Compensation (BLC)	✔
Highlight Compensation (HLC)	✔
Region of Interest (ROI) encoding	✔

Network	
Ethernet LAN *	✔
Ethernet interface type	Gigabit Ethernet
Networking standards	IEEE 802.1x
Supported network protocols	IPv4; IPv6; HTTP;TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP
Wi-Fi *	✘
Bluetooth *	✘

Storage	
Built-in HDD *	✘
Internal memory	1000 MB
ROM capacity	128 MB

Ports & interfaces	
Ethernet LAN (RJ-45) ports	1

Security	
Detection distance	50 m
Mirror	✔

Panoramic camera	
Minimum illumination (panoramic camera)	0.0007 lx
Signal-to-Noise Ratio (SNR) (panoramic camera)	56 dB
Number of Privacy masking areas (panoramic camera)	4

Power	
Power source type *	DC, PoE
Power consumption (max)	9.2 W
Power consumption (Power over Ethernet (PoE))	10.5 W
DC output current	12 A
Operational conditions	
Operating temperature (T-T)	-30 - 60 °C
Storage temperature (T-T)	-40 - 60 °C
Weight & dimensions	
Height	94 mm
Diameter	12.2 cm
Weight	713 g
Packaging content	
Number of cameras *	1

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