



Dahua Technology Pro HDBW5541R-ASE Dome IP security camera Indoor & outdoor 2688 x 1520 pixels Ceiling/wall

Brand : Dahua Technology

Product family: Pro

Product code: HDBW5541R-ASE-0280BOPAT

Product name : HDBW5541R-ASE



- 1/2.7" 5Megapixel progressive scan CMOS
- H.265 & H.264 triple-stream encoding
- 20 fps@2592 × 1944, 50/60 fps@1080P (1920 × 1080)
- WDR (120 dB), Day/Night (ICR), 3D DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- 2.8 mm fixed lens (3.6 mm, 6.0 mm optional)
- 1/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 50 m
- Micro SD memory, IP67, IK10

5MP WDR IR Dome AI Network Camera

Dahua Technology Pro HDBW5541R-ASE. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling/wall, Product colour: White, Form factor: Dome. Minimum illumination: 0.002 lx, Angle of rotation: 355°, Lens viewing angle, horizontal: 98°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.7 mm (1 / 2.7"), Number of effective pixels (H x V): 2688 x 1520 pixels. Detect distance: 30 m, Normal focusing range: 2.5 - 6 m, Fixed focal length: 2.8 mm

Performance		Video	
Type *	IP security camera	Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Placement supported *	Indoor & outdoor	Bit rate	H.264: 32 Kbps-8192 Kbps, H.265: 19 Kbps- 8192 Kbps
Connectivity technology *	Wired	Back Light Compensation (BLC)	✓
People counting function	✓	Highlight Compensation (HLC)	✓
Alarm input/output	✓	Digital Wide Dynamic Range (DWDR)	✓
Plug and Play	✓	Region of Interest (ROI) encoding	✓
Design		Smart IR	✓
Form factor *	Dome	Audio	
Mounting type *	Ceiling/wall	Audio input channels	1.0 channels
Product colour *	White	Audio output channels	1.0 channels
Housing material	Metal	Audio formats supported	AAC
International Protection (IP) code	IP67	Voice codecs	G.711a, G.711alaw, G.723, G.723.1, G.726, G.726-32
IK code	IK10	Network	
Fog proof	✓	Ethernet LAN *	✓
Camera		Ethernet interface type	Fast Ethernet
Camera pan control	✓	Networking standards	IEEE 802.1x
Camera tilt control	✓	Supported network protocols	IPv4;IPv6;HTTP;HTTPS;TCP;UDP;ARP;RTP;RTSP;RTCP;RTMP;SMTP;FTP;SFTP;DHCP;DNS;DDNS;QoS;UPnP;NTP;Multicast;ICMP;IGMP;NFS;PPPoE;SNMP
Minimum illumination	0.002 lx	Wi-Fi *	✗
Angle of rotation	355°	Bluetooth *	✗
Lens viewing angle, horizontal	98°	Number of users	20 user(s)
Lens viewing angle, vertical	71°	Quality of Service (QoS) support	✓
Lens viewing angle, diagonal	129°	Streaming method	Multicast, Unicast
Tilt angle range	0 - 65°	Storage	
Pan range	0 - 355°	Built-in HDD *	✗
Auto flip	✓	Card reader integrated	✓
White balance	Auto, Lamp, Manual, Natural, Outdoor	Compatible memory cards	MicroSD (TransFlash)
Camera shutter type	Electronic	Maximum memory card size	256 GB
Camera shutter speed	1/3 - 1/100000 s	Image sensor	
Adjustment shutter speed	Auto/Manual	Number of sensors	1

Image sensor		Ports & interfaces	
Optical sensor size	25.4 / 2.7 mm (1 / 2.7")	Ethernet LAN (RJ-45) ports	1
Progressive scan	✓	DC-in jack	✓
Sensor type *	CMOS	Security	
Number of effective pixels (H x V)	2688 x 1520 pixels	Video motion detection	✓
Lens system		Active tampering alarm	✓
Number of lenses *	1	Privacy protection	✓
Detect distance	30 m	Motion sensor	✓
Auto focus	✓	Mirror	✓
Fixed focus	✓	Management features	
Maximum aperture number	1.6	Web-based management	✓
Normal focusing range	2.5 - 6 m	Web browser	✓
Fixed focal length	2.8 mm	Management software	Smart PSS, DSS, DMSS
Night vision		Power	
Night vision *	✓	Power source type *	AC, DC, PoE
Night vision distance	80 m	AC input voltage	24 V
LED type	IR	Power consumption (typical)	12.4 W
Number of illumination LEDs	3	DC output voltage	12
Video		Operational conditions	
Maximum resolution *	2688 x 1520 pixels	Operating temperature (T-T)	-30 - 60 °C
Total megapixels *	5 MP	Storage temperature (T-T)	-30 - 60 °C
Video compression formats	H.264, H.264+, H.265, H.265 Pro, H.265 Pro+, H.265+	Operating relative humidity (H-H)	0 - 95%
Supported graphics resolutions	352 x 240, 352 x 288, 640 x 480 (VGA), 704 x 576, 1280 x 720 (HD 720), 1280 x 960, 1920 x 1080 (HD 1080), 2304 x 1296, 2560 x 1440, 2688 x 1520	System requirements	
Supported video modes	720p, 1080p	Windows operating systems supported	✓
Frame rate	30 fps	Mobile operating systems supported	Android, iOS
Video intelligence analytic	✓	Weight & dimensions	
Video streaming	✓	Depth	159 mm
Noise reduction	✓	Height	117.9 mm
Noise reduction technology	3D noise reduction	Weight	950 g
Gain control type	Auto/Manual	Packaging content	
Flip & mirror	✓	Number of cameras *	1
Privacy masking	✓	Manual	✓

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