S1 SERIES
HCS1WB5XD30W



5MP 30x Ex-proof IR Bullet

OPERATIONAL	
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1/2.8" CMOS
Number Of Pixels(H x V)	2592×1944
Minimum Illumination (Color/BW)	Color: 0.005 lux @F1.6 BW: 0 lux @F1.6 (IR on)
S/N Ratio	50dB
Electronic Shutter Speed	1/1 to 1/36,000s
IR Distance	200m
IR Light Control	Smart IR (Auto/Manual) / OFF
Day/Night	Auto (ICR) / Day / Night
Backlight Compensation	WDR, BLC, HLC
White Balance	Auto / Fixed Current / Manual
Gain Control	0-100%
Wide Dynamic Range	120 dB
Noise Reduction	2D/3D DNR
Lens	5.3 ~ 159mm, P-Iris, F1.6 ~ F4.3
Angle Of View (H x V x D)	H: 56.62°-2.48°, V: 42.76° -1.91°
Optical Zoom	30x
Digital Zoom	16x
Focus Control	Auto/Manual
Privacy Masking	Off / On
Defog	Supported
Local Storage	Built-in Micro SD card slot (up to 256GB). Micro SD Card is optional and pre-fitted card from factory only
Alarm Inputs/Outputs	2 Alarm In 1 Alarm Out
Electric Image Stabilization	Supported
Pre-sets	2

VIDEO	
Video Compression	H.265 HEVC/H.264/MJPEG, Smart Codec
Resolution	1st: 2592 x 1944/2592 x 1520/1920 x 1080/1280 x 720 2nd: 704 * 576(PAL)/704 * 480(NTSC)/640 * 480/352 * 288(PAL)/352 * 240(NTSC) 3rd: 640 * 480/352 * 288(PAL)/352 * 240(NTSC)/320 * 240
Number of Video Streams	3 (2 for encryption)
Frame Rate	Main/Second Stream: MAX 30 fps (MAX 15 fps for encryption under HTTPS) Third Stream: MAX 30 fps (Not available for encryption)
Bit Rate	100K~12 Mbps (15K~2 Mbps for encryption)

AUDIO	
Audio Compression	G.711a/ G.711Mu
Audio Interface	Line In/Out

NETWORK	
Ethernet	1 x 10 Base-T/100 Base-TX Ethernet (RJ-45)
Fiber Interface	Standard: 10/100 base- T Single Mode Fiber (single fiber), 1310T/1550R, FC connector Optional (required to be specified in the order): 100/1000 base- T Single Mode dual Fiber (duplex), 1310nm, LC connector
Supported Web Browsers	Chrome, Microsoft Edge
Supported OS	Microsoft Window10/11/Server 2016/Server 2019
Protocols*	Pv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G/S/T
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, Stream encryption, AES128 / 256, SSH / Telnet closed
Languages Supported	Arabic, Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish

EVENTS / ANALYTICS	
Video Analytics	People counting, Multi Loitering, Intrusion, Tampering, SMD, Motion Detection
Event Type	Video motion detection, Alarm input, Recording notification, Tampering
Event Linkage	Event notification using digital output, Email and MicroSD card
Region of Interest	8

Honeywell

S1 SERIES 5MP 30x Ex-proof IR Bullet

ELECTRICAL	
Power Source	Options for 100-240Vac; 24Vdc, 24 Vac, POE++
Power Consumption (Max)	Less than 36 W (100~240V a.c)

MECHANICAL	
Dimensions (D x D x H)	523 x 406 x 221 mm
Product Weight	17.5 kg
Package Weight	21 kg (without flexible tube)
Body Material	Electro-polished 316L stainless steel construction
Armoured cable	HCS1WB5XD30W□A□
Unarmoured cable	HCS1WB5XD30W□U□

ENVIRONMENTAL	
Operating Temperature	-40°C ~ 70°C
Relative Humidity	Less than 95 %, non-condensing
Ingress Protection	IP66, IP68
Heater	Built-in
Wiper	Supported
Washer	Supported

REGULATORY	
ATEX	Ex II 2G Ex db IIC T6 Gb /Ex 2D tb IIIC T80 °C db
IECEx	Ex db IIC T6 Gb /Ex tb IIIC T80 °C Db

RECOMMENDED ACCESSORIES

SYSTEM INTEGRATION	
Pro-Watch NVR	Up to 256 IP channels RAID5 / 6 Enterprise NVR
MAXPRO NVR PE	Up to 128 IP channels RAID5 / 6 Enterprise NVR
MAXPRO NVR SE	Up to 64 IP channels System NVR
MAXPRO NVR XE	Up to 16 IP channels System NVR
MAXPRO NVR Software	Up to 128 IP channels Recording Software

OPTIONAL MOUNTS AND ACCESSORIES		
HAS1WLMBE		Wall mount bracket
HAS1JCBEA3		Explosion-proof junction box (4 holes)
HAS1WSTEA10		Explosion-proof Washing System, 10Liter washing tank

ORDERING

HCS1WB5XD30W □□□

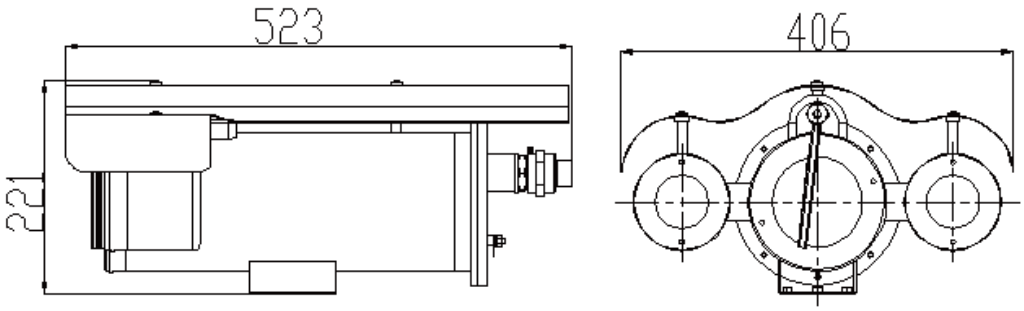
- □ Cable length: 5=5M; A=10m
- □ U: OFC unarmored cable; A: OFC armored Cable
- □ A: 100-240VAC; B:24VAC; C: PoE++(48Vd.c)

ORDERING	
HCS1WB5XD30WAU5	5MP Ex-proof IR Fixed Bullet, 30x Optical Zoom, 200m IR, 5m unarmoured flexible cable, Single mode Fiber,1 Explosion-proof Gland, IP68, Wiper, 100-240Vac
HCS1WB5XD30WAUA	5MP Ex-proof IR Fixed Bullet, 30x Optical Zoom, 200m IR, 10m unarmoured flexible cable, Single mode Fiber,1 Explosion-proof Gland, IP68, Wiper, 100-240Vac
HCS1WB5XD30WAA5	5MP Ex-proof IR Fixed Bullet, 30x Optical Zoom, 200m IR, 5m armoured cable, Single mode Fiber,1 Explosion-proof Gland, IP68, Wiper, 100-240Vac
HCS1WB5XD30WAAA	5MP Ex-proof IR Fixed Bullet, 30x Optical Zoom, 200m IR, 10m armoured cable, Single mode Fiber,1 Explosion-proof Gland, IP68, Wiper, 100-240Vac
HCS1WB5XD30WCA5	5MP Ex-proof IR Fixed Bullet, 30x Optical Zoom, 200m IR, 5m armoured cable, Single mode Fiber,1 Explosion-proof Gland, IP68, Wiper, POE++
HCS1WB5XD30WCAA	5MP Ex-proof IR Fixed Bullet, 30x Optical Zoom, 200m IR, 10m armoured cable, Single mode Fiber,1 Explosion-proof Gland, IP68, Wiper, POE++

Honeywell

S1 SERIES 5MP 30x Ex-proof IR Bullet

DIMENSIONS



For more information
buildings.honeywell.com/security

Honeywell Commercial Security
Emaar Business Park,
Sheikh Zayed Road, Building No. 2,
2nd floor, 201
Post Office Box 232362
Dubai, United Arab Emirates
Tel: +971 4 450 5800
www.honeywell.com

ONVIF and the ONVIF logo are trademarks of ONVIF Inc.
HEVC Advance logo is a trademark of HEVC Advance
Honeywell reserves the right, without notification, to
make changes in product design or specifications.

HSV-HCS1WB5XD30W-02-ME(0623)DS
© 2023 Honeywell International Inc.