30 SERIES
HC30W45R3
5MP IP WDR IR Rugged Mini Dome Camera

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OPERATIONAL	
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	**HC30W45R3**: 1/2.7" Progressive CMOS
Number Of Pixels (H × V)	**HC30W45R3**: 2560(H) x 1920(V)
Minimum Illumination	**HC30W45R3**: 0.03 lux color @ F2.0, 0 lux B/W with IR LEDs on @ F2.0
S/N Ratio	> 55 dB
Electronic Shutter Speed	1/5 ~ 1/32,000
IR Distance	Distance up to 30m (98ft)
IR Light Control	Smart IR (Auto/Manual)/OFF
IR Light Number	2
Day/Night	Auto/Day/Night/Schedule
Backlight Compensation	WDR, HLC
White Balance	Auto/Fixed Current/Manual
Gain Control	0-100%
Wide Dynamic Range	120dB
Noise Reduction	3D DNR
Privacy Masking	Off / On (5 Areas)
Motion Detection	Motion/Intrusion/People detection
Tampering Detection	Tampering Detection/Image too dark detection/Image too bright detection/Image too blurry detection
Region Of Interest	Support
Lens	2.8mm, Fixed, F2.0
Angle Of View	**HC30W45R3**: H:103°, V:76° @5M **HC30W45R3:** H:108°, V:60° @4M

VIDEO	
Video Compression	H.265/H.264/Smart Codec/MJPEG
Resolution	**HC30W45R3**(5MP): 2560x1920/2048x1536/ 1600x1200/1280x960/800x600/640x480; **HC30W45R3**(4MP): 2688x1520/1920×1080/ 1600x904/1280x-720/640x360
Frame Rate	**HC30W45R3**: Main Stream: 5M/4M (1 ~ 25/30fps); *Up to 30fps @5M under H.265 only Sub Stream: 800x600 (1 ~ 25/30fps); Third Stream: VGA (1 ~ 25/30fps)

Bit Rate Control	Constrained bit rate/Fixed quality
Bit Rate	20K ~ 40Mbps

NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome 71+, Internet Explorer 11.0+
Supported OS	Microsoft Windows 7/10
Protocols*	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G/S
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter,Digest authentication, TLS1.2 only, Stream encryption, AES-128/256, SSH/Telnet closed, PCIDSS compliance
Event	Event notification using HTTP, SMTP, NAS server and MicroSD card File upload via HTTP, SMTP, NAS server and MicroSD card
Micro SD	Micro SD/SDHC/SDXC card slot (256GB)

ELECTRICAL	
Power Supply	DC12V, PoE (IEEE 802.3af) (Class 2)
Power Consumption	MAX 6.49W

MECHANICAL	
Dimensions	Ø117.11mm x 89.51mm (Ø4.61" x3.52")
Product Weight	0.54kg
Package Weight	0.88kg
Material	Die-casting aluminum housing with coating
Construction Color	RAL 120-1 (Lyric White)

ENVIRONMENTAL	
Operating Temperature	Starting: –10°C ~ 60°C (14°F ~ 140°F) Working: –30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity	Less than 90%, non-condensing
Ingress Protection	IP66
Vandal Resistance	IK10

REGULATORY	
Emissions	FCC PART 15B, EN 55032, EN61000-6-3
Immunity	EN 50130-4
Safety	UL 62368-1, EN 62368-1
ROHS	EN 50581
Country of Origin	Taiwan

Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

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30 SERIES 5MP IP WDR IR RUGGED MINI DOME CAMERA

SYSTEM COMPATIBILITY

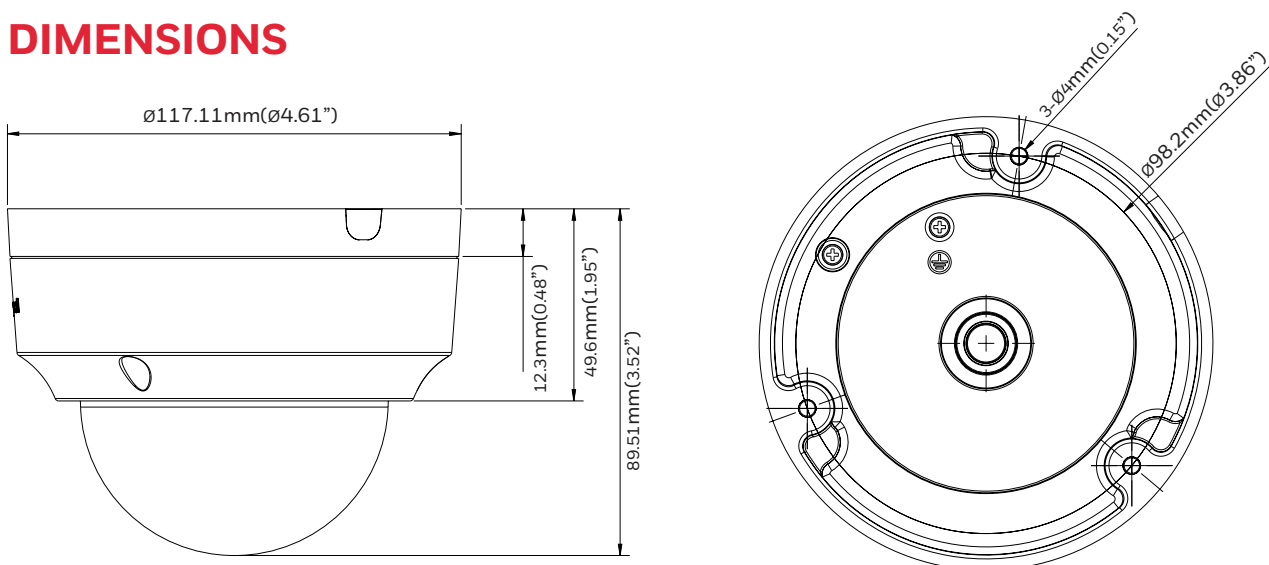|	
MAXPRO NVR PE	Up to 128 IP channels RAID5/6 Enterprise NVR
MAXPRO NVR SE	Up to 64 IP channels System NVR
MAXPRO NVR XE	Up to 16 IP channels system NVR
MAXPRO NVR SOFTWARE	Up to 128 IP channels Recording Software
ADPRO NVR FASTTRACE 2E	Up to 32 IP channels with up to 32 VA channels NVRs, or Up to 20 Analogue channels Hybrids
ADPRO NVR IFT-E	Up to 32 IP channels with up to 32 VA channels NVRs
ADPRO NVR IFT	Up to 32 IP channels or 16 IP channels with up to 16 VA channels NVRs
ADPRO NVR EFT	Up to 16 IP channels with up to 8 VA channels NVRs, or Up to 16 Analogue channels Hybrids
ADPRO NVR IFT GATEWAY	4 IP channels + 4 VA channels
HEN*4	8/16/32/64-channel Performance Series NVRs (H.264 and H.265)
HEN*3	4/8/16-channel Performance Series NVRs (H.264 and H.265)

OPTIONAL MOUNTS AND ACCESSORIES

HQA-BB2		Junction Box
HQA-PK		Pendant Mount Cap
HQA-CB		Ceiling Mount for HQA-PK
HQA-WK		Wall Mount Adapter
HQA-PM2		Pole Mount Adapter with HQA-BB2

ORDERING

HC30W45R3	5MP Network Dome Camera, TDN, WDR, 1/2.7" CMOS, 2.8mm, 2 IR LEDs, H.265, PoE, IP66/IK10, NDAA Compliant

DIMENSIONS

For more information

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