

Product Technical Specifications



CCTV SECURITY CAMERA

SKU #

GESSXHD-740MVIPR-W7



GESS®
TECHNOLOGIES

GESSEXHD-740MVIPR-W7



GESSEXtremeHD™

4MP WDR IR Bullet Network Camera



IP



Resolution



Weather proof



Vandal proof

MAIN FEATURES

- 1/3" 4Megapixel progressive scan CMOS
- H.265&H.264 dual-stream encoding
- 25/30fps@4Mp(2688x1520)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 7mm ~35mm 5x zoom lens
- 2/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 100m
- Micro SD memory, IP67, PoE



TECHNICAL SPECIFICATIONS

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CAMERA

Image Sensor	1/3" 4Megapixel progressive scan CMOS
Effective Pixels	2688(H) x 1520(V)
RAM/ROM	2688(H) x 1520(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3-1/100000s
Minimum Illumination	0.03Lux/F1.4 (Color,1/3s,30IRE) 0.3Lux/F1.4 (Color,1/30s,30IRE) 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 100m (328ft)
IR On/Off Control	Auto/ Manual
IR LEDs	4

LENS

Lens Type	Motorized/ Auto Iris(HALL)2688(H) x 1520(V)				
Mount Type	Board-in				
Focal Length	7mm~35mm				
Max. Aperture	F1.4				
Angle of View	H: 32°~10°, V:18°~6°				
Optical Zoom	5x				
Focus Control	Motorized				
Close Focus Distance	0.4m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	190m(623ft)	76m(249ft)	38m(124ft)	19m(62ft)
	T	620m(2034ft)	248m(813ft)	124m(406ft)	62m(203ft)

PAN/TILT/ROTATION

Pan/Tilt/Rotation Range	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°
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INTELLIGENCE

IVS	Tripwire, Intrusion, Object Abandoned/Missing
Advanced Intelligent Functions	Face Detection

VIDEO

Compression	H.265+/H.265/H.264+/H.264
Streaming Capability	3 Streams
Resolution	4M(2688x1520)/3M(2304x1296)/ 1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576/704x480)/ VGA(640x480)/CIF(352x288/352x240)
Frame Rate	Main Stream: 4M(1~25/30fps) Sub Stream: D1(1~25/30fps) Third Stream: 720P(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 24~10240Kbps H.265: 14~9984Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(120dB)
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detetion	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

AUDIO

Compression	G.711a/ G.711Mu/ AAC/ G.726
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ELECTRICAL

Power Supply	DC12V, PoE (802.3af)(Class o)
Power Consumption	<11.5W

NETWORK

Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users /20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, Easy4ip
Smart Phone	IOS, Android

CERTIFICATIONS

Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
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INTERFACE

Video Interface	1 Port(For adjustment only)
Audio Interface	1/1 channel In/Out
RS485	N /A
Alarm	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC

INTERFACE

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

INTERFACE

Casing	Metal
Dimensions	273.2mm×95.0mm×96.4mm (10.76"×3.74"×3.79")
Net Weight	1.07Kg (2.36lb)
Gross Weight	1.4Kg (3.09lb)

