

Product Technical Specifications



CCTV SECURITY CAMERA

SKU #

CESSU-IP340EMVRA-UW2



GESSU-IP340EMVRA-UW2

GESS ULTRA

4MP VF Vandal-resistant Network IR Fixed Dome Camera

FEATURES

OPTICS

- Day/night functionality
- SmartIR , up to 30 m (98 ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

COMPRESSION

- Ultra 265,H.265, H.264, MJPEG
- Triple streams

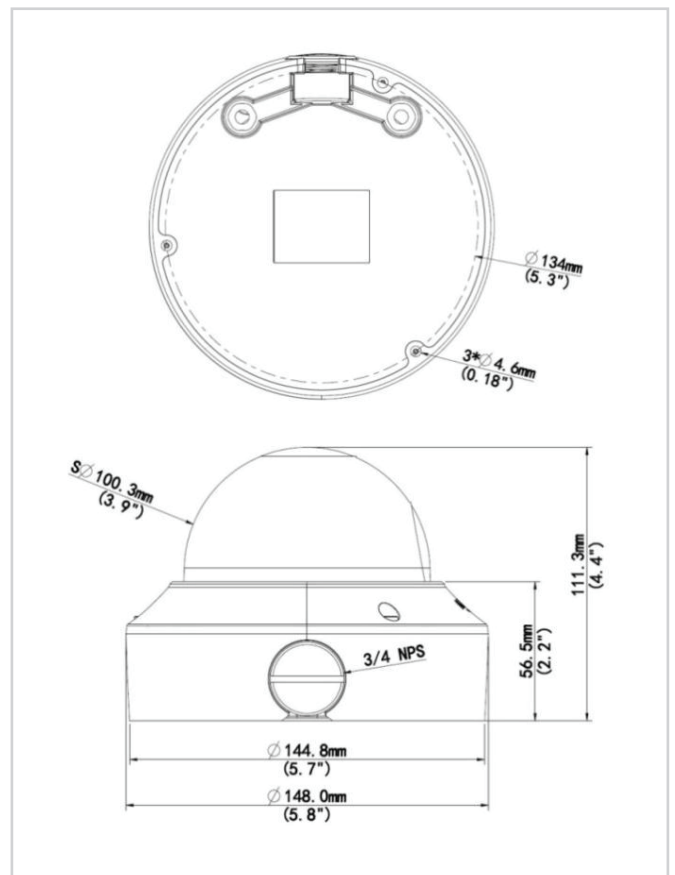
NETWORK

- ONVIF Conformance

STRUCTURE

- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of $\pm 25\%$
- IK10 vandal resistant
- IP67
- 3-Axis

DIMENSIONS





TECHNICAL SPECIFICATIONS

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CAMERA

Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8~12 mm, manual zoom lens		2.8~12 mm, motorized zoom lens		
DORI Distance	Lens	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8mm	63	25.2	12.6	6.3
	12mm	270	108	54	27
Angle of View(H)	91.0°~27°				
Angle of View (V)	54.4°~13.7°				
Angle of View (O)	118.3°~33.2°				
Adjustment angle	Pan: 0°~360°		Tilt: 0°~80°	Rotate: 0°~360°	
Shutter	Auto/Manual, 1~1/100000 s				
Minimum Illumination	Colour: 0.01 Lux (F1.6, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
IR Range	Up to 30m (98 ft) IR range				
Defog	Digital Defog				
WDR	DWDR				

VIDEO

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile
Frame Rate	Main Stream: 4MP (2592*1520): Max. 20fps; Sub Stream: 720P (1280*720): Max. 20 fps; Third Stream: D1 (704*576): Max. 20fps
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 2 areas
Motion Detection	Up to 4 areas

NETWORK

Protocols	IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP, RTP,RTSP,RTCP,DNS,DDNS,NTP,FTP,UPnP,HTTP,HTTPS,SMTP, SSL
Compatible Integration	ONVIF(Profile S, Profile G, Profile T), API

INTERFACE

Network	1 RJ45 100M Base-TX Ethernet
Edge Storage	MicroSD, up to 256GB

GENERAL

Power	12 V DC±25%, PoE (IEEE802.3 af)
	Power consumption: Max 6W
Dimensions (Ø x H)	Ø148 x 111.3 mm (Ø5.8" x 4.4")
Weight	0.92kg (2.0lb)
Working Environment	-40°C ~ +60°C (-40°F ~ 140°F), Humidity:10%~ 95% RH(non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

