

4 IP Camera HD Starlight Surveillance System

This powerful surveillance solution is designed for ease of use, reliability, and advanced functionality.



Key Features:

Advanced Performance

- 80Mbps throughput 8ch Recorder
- 4 high definition Starlight PoE cameras
- Up to 4K HDMI Output
- H.265/H.264 compression

Advanced Mechanical Design)

- Up to 8TB internal storage
- Extend PoE cabling distance up to 900ft.

Advanced Functionality

- ONVIF compliant
- Remote access (PC, iOS, Android)
- P2P for easy network setup
- Support for Intelligent Video Analytics

ESG-IPK8C4S consists of:

- 1 X ESG-NVR8P 8Ch PoE NVR
- 2 X ESG-IPBMS2F3 HD PoE bullet cameras
- 2 X ESG-IPDMS2F2 HD PoE dome cameras
- 1 X 6ft. LAN patch cable
- 4 X 60ft. LAN patch cable
- 1 X 6ft. HDMI cable



NVR Specifications

Video and Audio	
IP Video Input	8ch
Two-way audio Input	1ch, RCA
Network	
Incoming bandwidth	80Mbps
Outgoing bandwidth	64Mbps
Remote connections	128
Video/Audio Output	
HDMI/VGA Output	VGA: 1920x1080p, 1600x1200, 1280x1024, 1280x720p, 1024x768 HDMI: 4K (3840x2160), 1920x1080p, 1600x1200, 1280x1024, 1280x720p, 1024x768
Recording Resolutions	4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1ch, RCA
Synchronous Playback	8ch
Decoding	
Compression	H.265, H.264
Live view/ Playback	4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	4 x 4MP@20fps, 8 x 720p@25fps
Hard Disk	
SATA	1 SATA port
Capacity	up to 8TB for each HDD
External Interface	
Network Interface	1 RJ-45 10M/100M self-adaptive Ethernet port
Network Function	HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Server, P2P
USB Interface	Rear panel: 1 x USB2.0, 1 x USB3.0
PoE	
Interface	8 independent 100Mbps PoE network ports
Supported Standard	IEEE 802.3at
General	
Power Supply	52VDC
Consumption (without HDD and PoE)	≤ 8W
Working Temperature	-10°C ~ + 55°C (14°F ~ 131°F)
Working Humidity	10% ~ 90%
Dimensions	270mm × 205mm × 42mm (10.6" × 8.1" × 1.7")
Weight (without HDD)	≤ 0.72kg (1.59lbs)



ESG-IPDMS2F2 Specifications

Model	ESG-IPDMS2F2
Sensor	1/2.9", 2 megapixel, progressive scan CMOS
Lens	2.8mm @F1.6
Angle of View (H)	107.8°
Shutter	Auto/Manual, 1/6~1/100000s
Min. Illumination	Color: 0.003 Lux (F1.6, AGC ON) , 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>52dB
WDR	120dB
Video	
Max. Resolution	2592×1520
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	2MP(1920×1080): Max 30fps, 720p(1280×720): Max 30fps; D1(720×576): Max 30fps
Video Streaming	Triple
9:16 Corridor Mode	Supported
ROI	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
Intelligent Video Analytics	
Detection	Intrusion, line crossing, people counting, face detection, audio detection
Audio	
Audio Compression	G.711
Two-way audio	Supported
Storage	
Edge Storage	Micro SD, up to 128GB
Network	
Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, NTP, FTP, UPnP, HTTP, HTTPS, SIP, 802.1x
Integration	ONVIF (Profile S), API
Interface	
Audio I/O	Input: 35kΩ; 2V [p-p], Output: 600Ω; 2V [p-p]
Alarm I/O	1/1
Network	10M/100M Base-TX Ethernet
General	
Power	12VDC, or PoE (IEEE802.3 af), Power consumption: Max 5.5W
Dimensions (Ø x H)	Φ 108.5mm x 81mm (Ø 4.28" x 3.2")
Weight	0.45 kg (0.99lbs)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity 10% ~ 95% RH(non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10

ESG-IPBMS2F3 Specifications

Model	ESG-IPBMS2F3
Sensor	1/2.9", 2 megapixel, progressive scan, CMOS
Lens	3.6mm@F1.6 Angle of view (H): 82°
Shutter	Auto/Manual, 1/6~1/100000s
Min. Illumination	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
IR Range	Up to 30m (98ft) IR range
S/N	>52dB
WDR	Digital
Noise Reduction	2D/3D
Video	
Max. Resolution	1920x1080
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	1080P (1920x1080): Max. 30 fps; 720P (1280x720): Max. 30 fps; D1 (720x576): Max. 30 fps
Video Streaming	Triple
9:16 Corridor Mode	Supported
ROI	Supported
OSD	Up to 8 OSDs
Motion Detection	Up to 4 areas
Privacy Mask	Up to 8 areas
Intelligent Video Analytics	
Behavior Detection	Intrusion, line crossing, motion detection
Intelligent Identification	Face detection
Statistical Analysis	People counting
Network	
Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SNMP, SIP, QoS
Integration	ONVIF (Profile S), API
Interface	
Network	1 RJ45 10M/100M Base-TX Ethernet
General	
Power	12VDC, or PoE (IEEE802.3af) Power consumption: 6.4W Max
Dimensions (L x W x H)	157.3mm x 62.4mm x 63mm (6.2" x 2.5" x 2.5")
Weight	0.45kg (0.99lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity ≤ 95% RH (non-condensing)
Ingress Protection	IP67