S9 HD IP

Fixed camera station (safe)

Overview

Eaton's weather proof series are highly advanded process and surveillance camera stations that are designed to meet worldwide demanding environments.

Features

- Full HD resolution
- Wide dynamic range
- IR sensitive
- Video motion detection
- Scratch proof, tempered glass
- Flexible powering (PoE, 30 VAC, 24 VDC)

- Automatic day/night function
- Multi-cable accomodated
- Sunshield (optional)
- Built-in heating
- Designed to accept future software upgrades remotely

The S9 HD IP fixed camera station is typically designed for security purposes and marine applications. Its compact design makes it an extremely versatile camera station choice where space is limited or at a premium.
Designed specifically for operation in the most demanding conditions the S9 HD IP is built from high quality electro polished 316L stainless steel and has, scratch resistant tempered window glass, built-in heater andflexible low power & PoE options.

Additionally the S9 HD IP with it's IP66 & IP67 ingress protection makes it exceptionally resilient to extreme environmental conditions where vibration, humidity, extreme temperature variations and corrosion are a normal occurrence.

Installation is simple and a single cable is sufficient for the transmission of data and power, routed directly to the control cabinet (standard Ethernet cable or the Eaton HERNIS™ multi-cable with power and Ethernet).

The S9 HD IP can work with illumination as low as 0.01 lux, has 1080p resolution and uses Eaton HERNIS™ Flex IP control protocol. Additionally the future proof design can facilitate future software upgrades and diagnostics remotely.

Powering Business Worldwide

Certifications

Type approval	DNV GL Certificate No: TAA00000C8

Specifications

Physical dimensions	
Weight	2.6 kg
Dimensions (W x H x D)	140 x 153 x 233 mm
Mounting	Upright or hanging - bolts: M8 (not included)
Material & finish	Stainless steel AISI 316L, electro polished

Operating conditions	
IP protection rate	IP66/IP67 (NEMA 4x)
Humidity	Up to 100%
Operating temperature range	-20°C to +55°C (heating element inside housing)
Vibration	3 - 100Hz (1mm or 0.7gr)
Enclosure	Salt mist tested

Camera	
Image sensor	1/2.8" progressive scan CMOS
Sync system	Internal
Frame rate	50 Hz: 25 fps (1920 × 1080), 25 fps (1280 × 720) 60 Hz: 30 fps (1920 × 1080), 30 fps (1280 × 720)
Min. illumination	Color: 0.05 lux @ (F1.6, AGC on) B/W: 0.01 lux @ (F1.6, AGC on)
S/N ratio	> 50 dB
WDR	Digital WDR

Lens	
Focal length	4.7 - 94 mm, 20 x optical zoom
Aperture range	F1.6 - F3.5
Angle of view	61.4° - 2.9° (wide - tele)
Min. working distance	10 mm - 1500 mm (wide - tele)
Zoom speed	Approx. 2.7 s (optical, wide - tele)
Day & night	IR cut filter auto switch

Specifications IP	
Protocol	IPv4/IPv6, TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6 (SIP, SRTP optional)
Compression	Main stream: H.264 Sub stream: H.264, MJPEG
H.264 compression profile	Main profile, high profile
Dual-streaming	Supported
Video bit rate	256 Kbs - 13 Mbps
Ethernet port	1 RJ45 10M/100M Ethernet interface

Attributes	
Power supply	30VAC / 24VDC / POE (IEEE802.3at/af)
Power consumption	30VAC: 7 W min. (26W max heater on) 24VDC: 7 W min. (20W max heater on) PoE at: 7 W min. (20W max heater on) PoE af: 7 W max. (no heater, setting in RX292)
Heat dissipation	30VAC: 7 W min. (26W max with heater on) 24VDC: 7 W min. (20W max with heater on) POE: 7 W min. (20W max with heater on)

Accessories	
Optional	Sunshield, tropical sunshield, safety wire

290 ±5% (OPTION: SUNSHIELD)
233
153 ±5%

FOOTPRINT

Ø9
40
66
66
131

Ordering requirements

The following code is designed to help in selection of the correct unit.

HERNIS™ part no:	095297-15**x**/466
15_1_/466	IP 30VAC 20xZ 1080p
15_5_/466	IP 24VDC 20xZ 1080p
15_6_/466	IP PoE 20xZ 1080p