

Product information



Part number: A.008107

Camera Pan Tilt Zoom IP Full HD SS316L

Description

The A.008107 is a 3 megapixel Full HD IP camera built in a PTZ camera station designed for use in harsh areas in onshore, offshore, marine and heavy industrial environments. The camera housing is constructed from electro-polished 316 stainless steel for maximum corrosion protection and is fitted as standard with sunshield, thermostatically controlled heater element. Optionally the camera can be connected to optical fiber.

Integrated HD Box Camera

Fitted as standard the A.008107 is equipped with a 33x optical zoom 3 megapixel (2048 x 1536), IP day/night camera. The 33x zoom realises the optimum field of view in any situation. The camera is ONVIF Profile S compliant and supports the open standard (OSA) HTTP API for ease of integration

Multi-stream High-definition

The integrated HD camera has quad-stream capability for simultaneous streaming of H.265, H.264 (main or high profile), MJPEG. Multiple combinations of resolution and frame rate can be configured to satisfy different live viewing and recording scenarios.

Image Enhancement

The camera provides automatic day/night functionality for use in low light situations. Backlight compensation enhances the image in difficult lighting situations. The WDR-2 dual exposure mode brings out details in dark areas and details in the bright areas by combining the best of two exposures.

Security Solutions

In combination with a video management system the camera creates a versatile CCTV solution for hazardous areas realized by the camera's ONVIF Profile S compliance

Washer Option

The camera is prepared for installing a washer hose and nozzle.

Direct to Fiber or Coax

As an option the camera can be fitted with a 100FX optical fiber connection (2SM). The duplex single-mode fiber is preconfigured with dual LC connectors. With an optional EoC converter more than 1000m coax can be spanned

Features

- ✓ 360° Continuous rotation
- ✓ Variable pan and tilt speed
- ✓ 33x optical zoom
- ✓ Corrosion protected 316L stainless steel
- ✓ 3 megapixel IP camera, 60 frames per second
- ✓ Integrated heater
- ✓ Optional: direct ethernet over fiber or over coax
- ✓ ONVIF Profile S compliant

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Camera Housing	
Ingress protection rating	IP66/ IP67
Body material	Electro-polished 316L stainless steel
Rotation	360° Continuous rotation
Tilt angle	+90° to -90°
Variable speed	up to 40°/sec pan and 20/sec tilt (peak)
Backlash	less than 0.1°
Preset accuracy	better than 0.04°
Cable entry	1x M25x1.5
Sunshield	Standard
Internal heater	Standard
Integrated wiper	Optional
Washer system	Optional
Operating temperature	-60 °C to +75 °C per NEMA 2
Weight	28.5 kg
Supply voltage	24 VAC 50/60 Hz; Optional 120 VAC 50/60 Hz; 230 VAC 50/60 Hz
Power consumption	100 W maximum
Camera	
Image sensor	1/2.8" Progressive scan CMOS
Effective pixels	2065 (H) x 1553 (V)
Shutter speed	1 - 1/60000 s
Minimum scene illumination	0.04 lux (colour), 0.002 lux (b/w), F/1.6
Dynamic range	120 dB (in WDR-2: dual exposure mode)
(WDR) Lens	33x Optical zoom, F/1.6 (W), F5 (T)
Lens focal length	4.5 to 152 mm
Horizontal field of view	55.3° (W) to 1.8° (T)
Features	Back light compensation, auto/manual white balance, (3D/2D) noise, IR light compensation
Exposure	Auto (iris or shutter priority) / Manual
Day/Night	IR-cut filter
Local storage	max. 512GB micro SD card

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Video				
Compression Algorithm(s)	H.265, H.264 (main or high profile); MJPEG			
Supported Resolutions	2048x1536; 1920x1080 (1080p); 1280x1024; 1280x720 (720p); 1024x768; 800x600; 720x576 (D1); 640x480; 352x288 (CIF)			
Max streaming (H264/H265/MJPEG)				
60fps	2048x1536	800x600		
60fps	12048x1536	720x480	352x240	352x240
30fps	2048x1536	2048x1536	1280x720	352x240
30fps (dual shutter WDR)	2048x1536	2048x1536	800x600	352x240
Compression bit rate control	Constant bit rate (CBR), variable bit rate (VBR), Low bit rate (LBR)			
Output bit rate (per H.264 stream)	Up to 20480 kbit/s			
Number of video output streams	Up to 20 (RTSP)			
Total output data rate (max)	60 Mb/s			
Video frame rate	1 to 60 fps / 1 to 50 fps			
Network				
Interface(s)	10/100 Mb Ethernet (4-wires 0.5 mm ² from conduit)			
2SM option	100FX fiber (2SM, duplex single mode fiber with dual LC from conduit)			
EoC option	Up to 1000 m Coax, XSNNet 3100EoC needed as 'receiver' (plain Coax cable from conduit)			
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Diamond, NTCIP			
Password levels	User and Administrator			
Supported browsers	IE 9, 10 and 11; limited support for Edge, Chrome, Firefox			
User accounts	20			

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Dimensions

