

F101-A XF P1367 Explosion-Protected Network Camera

Superb light sensitivity in hazardous areas

F101-A XF P1367 Explosion-Protected Network Camera is an easy-to-install and easy-to-integrate fixed box camera. Thanks to i-CS lens, the zoom can be set remotely, and the camera automatically sets the focus. Images are optimized for forensic purposes regardless of lighting conditions, thanks to Lightfinder and WDR-Forensic Capture. The camera is adapted for explosion-prone applications with Class I/II/III, Division 1 and Zone 1 certifications. With low weight, PoE support for plug-and-play installation, F101-A XF P1367 offers significant savings. The camera helps detecting unauthorized individuals and monitor employee safety in hazardous areas. Suitable for onshore, offshore, marine, and heavy industrial environments.

- > **Class I/II/III, Division 1 and Zone 1 certified**
- > **Cost-efficient installation with PoE**
- > **Low weight for simple installation**
- > **Support for i-CS lens for remote zoom and focus**
- > **5 MP resolution at 25/30 fps**



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Camera		Supported AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Cross Line Detection, AXIS Guard Suite including AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Image sensor	1/2.9" progressive scan RGB CMOS	
Lens	IR corrected i-CS lens Varifocal 2.8–8.5 mm, F1.2 Horizontal field of view: 104°–36° Vertical field of view: 55°–20°	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	Color: 0.15 lux B/W: 0.03 lux, at 50 IRE F1.2	
Shutter speed	1/55500 s to 2 s	
System on chip (SoC)		
Model	ARTPEC-6	
Memory	1 GB RAM, 512 MB Flash	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
Resolution	3072x1728 (5 MP) to 160x90	
Frame rate	25/30 fps (50/60 Hz) in all resolutions	
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264	
Multi-view streaming	Up to 8 individually cropped out view areas	
Image settings	Saturation, contrast, brightness, sharpness, local contrast, white balance, exposure control, exposure zones, WDR - forensic capture: Up to 120 dB depending on scene, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, text and image overlay, privacy mask, mirroring of images	
Network		
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, brute force delay protection	
Supported protocols	IPv4/v6, HTTP, HTTP/2, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP [™] , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1, Syslog	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org	
Event triggers	Analytics, edge storage events Detectors: live stream accessed, video motion detection, shock detection Hardware: network, temperature Storage: disruption, recording System: system ready Time: recurrence, use schedule	
Event actions	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text, day/night mode	
Data streaming	Event data	
Built-in installation aids	Pixel counter Remote focus and zoom with supplied i-CS lens	
Analytics		
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm	
General		
Casing	IP66-rated, powdercoated aluminum chassis Casing manufactured and certified by Spectrum Camera Solutions, LLC	
Sustainability	PVC free	
Memory		
Power	Camera: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 5.0 W, max 9.1 W Heater: 12–30 V AC/DC, 26 W 12–30 V AC/DC for heaters is required for operating temperatures below 0 °C (32 °F).	
Connectors	2 x 3/4" NPT cable entries RJ45 10BASE-T/100BASE-TX PoE 2-pin terminal block connector for heater I/O: 4-pin 2.5 mm terminal block for two configurable inputs/outputs (12 V DC output, max. load 50 mA) 3.5 mm mic/line in, 3.5 mm line out	
Storage	Pre-installed AXIS Surveillance microSDXC Card 128 GB Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	
Operating conditions	Hazardous location operating temperature: Zone system: -50 °C to 60 °C (-58 °F to 140 °F) Class/Division system: -40 °C to 60 °C (-40 °F to 140 °F) Humidity 10–100% RH (condensing) See section Power for requirements in temperatures below 0 °C (32 °F).	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	
Approvals	EMC EN 55032 Class A, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3 Environment ANSI/NEMA 250 4X, ANSI/IEC/EN 60529 IP66 Explosion FM Class 3600:2018, FM Class 3615:2018, FM Class 3616:2011, ANSI/ISA/EN/IEC/CAN-CSAC22.2 60079-0, ANSI/ISA/EN/IEC/CAN-CSAC22.2 60079-1, ANSI/ISA/EN/IEC/CAN-CSAC22.2 60079-31	
Certifications	USA: Class I Division 1 Groups BCD T6 Ta = -40°C to 60°C, Type 4X, IP66 Class II/III Division 1 Groups EFG Ta = -40°C to 60°C, Type 4X, IP66 Certificate: FM18USO262X Canada: Class I Division 1 Groups BCD T6 Ta = -50°C to 60°C, Type 4X, IP66 Class II/III Division 1 Groups EFG Ta = -50°C to 60°C, Type 4X, IP66 Class I, Zone 1, AEx/Ex db IIB+H2 T5 Gb Ta = -50°C to 60°C, Type 4X, IP66 Zone 21, AEx/Ex tb IIIC T85°C Db Ta = -50°C to 60°C, Type 4X, IP66 Certificate: FM18CA0126X ATEX: II 2 G Ex db IIB+H2 T5 Gb Ta = -50°C to 60°C, IP66 II 2 D Ex tb IIIC T85°C Db Ta = -50°C to 60°C, IP66 Certificate: FM18ATEX0073X IECEx: Ex db IIB+H2 T5 Gb Ta = -50°C to 60°C, IP66 Ex tb IIIC T85°C Db Ta = -50°C to 60°C, IP66 Certificate: IECEx FMG 18.0029X	
Dimensions	13.85 x 7.20 x 6.01 in (352 x 183 x 153 mm)	
Weight	6.4 kg (14 lb)	
Included accessories	Installation Guide, Windows [®] decoder 1-user license, weathershield, 3/4" NPT to M20x1.5 thread adapter, AXIS Surveillance microSDXC Card 128 GB	
Optional accessories	Wall Mount, Pole Mount, Corner Mount, AXIS Surveillance Card 64 GB	

	For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility