

F101-A XF P1377 Explosion-Protected Camera

Excellent image quality for hazardous areas

Certified (NEC, ATEX, IECEx) for use in potentially combustible environments, the lightweight camera offers high quality, high resolution images of objects and people. Featuring Axis Lightfinder and Axis Forensic WDR, it delivers true colors and great details in challenging light or near darkness. It includes electronic image stabilization for stable images despite vibration. And, intelligent i-CS lens technology facilitates fast and easy installation with remote zoom. Enhanced security features such as signed firmware and secure boot ensure the integrity and authenticity of the firmware. Furthermore, Axis Zipstream with support for H.264/H.265 significantly lowers bandwidth and storage requirements.

- > 30 fps in 5 MP or up to 180 fps in HDTV 720p
- > Lightfinder and Forensic WDR
- > Zipstream supporting H.264 and H.265
- > Signed firmware and secure boot
- > NEC, ATEX and IECEx







F101-A XF P1377 Explosion-Protected Camera

Image sensor 1/2.7" progressive scan RGB CMOS Controls Day/night shift Defogging Wide dynamic range Wide dynamic range Event conditions Analytics, shock detection, edge storage events, supervised external input, audio level, time scheduled, MQTT subscribe Event actions Analytics, shock detection, edge storage events, supervised external input, audio level, time scheduled, MQTT subscribe 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 PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation, play audio clip, WDR MQTT publish MQTT publish Data streaming Event data System on chip (SoC) Built-in installation aids Focus assistant, pixel counter, remote back focus, autorotation Included ANCINTES ANCINTES ANCINTES Applications Included ANIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard Included	~			
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NetworkRJ45 10BASE-T/100BASE-TX PoE 2-pin terminal block connector for heater I/0: 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 outNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^{IM} , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)StoragePre-installed AXIS Surveillance microSDXC Card 128 GB Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS)System integrationOpen API for software integration, including VAPIX® and AXIS Camera Application Platform, specifications at αxis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T,Operating conditions-50 °C to 60°C (-58 °F to 140 °F) US Class/Division system: -40 °C to 60°C (-40 °F to 149 °F)Storage-40 °C to 65 °C (-40 °F to 149 °F)			Connectors	
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			Conuncions	riamilarly 3-33% till (non-condensing)

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Approvals	EMC EN 55035, EN 61000-6-1, EN 61000-6-2, EN 55032 Class A, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A Safety EN 62368-1 Environment ANSI/NEMA 250 4X, ANSI/IEC/EN 60529 IP66, GOST 14254 IP66 Network NIST SP500-267 Explosion FM Class 3600:2018, FM Class 3615:2018, FM Class 3616:2011, ANSI/ISA/EN/ABNT NBR/IEC/CAN-CSAC22.2 60079-0, ANSI/ISA/EN/ABNT NBR/IEC/CAN-CSAC22.2 60079-1, ANSI/ISA/EN/ABNT NBR/IEC/CAN-CSAC22.2 60079-31, TP TC 012, GOST 31610.0, GOST IEC 60079-1,		Ex tb IIIC T85°C Db IP66 Ta = -50°C to 55°C Certificate: NCC 20.0084 X
		Dimensions	13.85 x 7.20 x 5.97 in (352 x 183 x 152 mm)
		Weight	14 lb (6.2 kg)
		Included accessories	Installation Guide, Windows® decoder 1-user license, AXIS Surveillance microSDXC Card 128 GB, 3/4" NPT to M20x1.5 thread adapter
		Optional accessories	EXTB-3 Junction Box ExCam, Non-armored cables ExCam, 10, 25, 95 m (33, 82, 312 ft), Armored cables ExCam, 10, 25, 95 m (33, 82, 312 ft), Ex Connection Rail 4-port PoE PS 24, Ex Connection Rail 8-port PoE PS 24 For more accessories, see axis.com
Certifications	USA: Class I Division 1 Groups BCD T5 Ta= -40°C to 55°C, Type 4X, IP66 Class II/III Division 1 Groups EFG Ta= -40°C to 55°C, Type 4X, IP66 Certificate: FM18US0262X Canada: Class I Division 1 Groups BCD T5 Ta= -50°C to 55°C, Type 4X, IP66 Class II/III Division 1 Groups EFG Ta= -50°C to 55°C, Type 4X, IP66 Class II, Zone 1, AEx/Ex db IIB+H2 T5 Gb Ta = -50°C to 55°C, Type 4X, IP66 Class I, Zone 21, AEx/Ex tb IIIC T85°C Db Ta = -50°C to 55°C, Type 4X, IP66 Certificate: FM18CA0126X ATEX: II 2 G Ex db IIB+H2 T5 Gb Ta = -50°C to 55°C, IP66 II 2 D Ex tb IIIC T85°C Db Ta = -50°C to 55°C, IP66 Certificate: FM18ATEX0073X IECEx: Ex db IIB+H2 T5 Gb Ta = -50°C to 55°C, IP66 Ex tb IIIC T85°C Db Ta = -50°C to 55°C, IP66 Certificate: IECEx FMG 18.0029X INMETRO: Ex db IIB+H2 T5 Gb	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, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese, Polish
		Warranty	5-year warranty, see axis.com/warranty
		Sustainability	
		Substance control	PVC free Free of hazardous brominated and chlorinated flame retardants (BFR/CFR free) RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018 REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see echa.europa.eu
		Environmental responsibility	axis.com/environmental-responsibility Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org