ExCam XF P1367 Explosion-Protected Network Camera

Superb light sensitivity in hazardous areas

ExCam XF P1367 Explosion-Protected Network Camera is an easy-to-install and easy-to-integrate fixed box camera in stainless steel. 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 ATEX, IECEx, EAC Ex, and IA certifications. With low weight, PoE support for plug-and-play installation, ExCam 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.

> Certified for ATEX, IECEx, EAC Ex, and IA; Zones 1, 2, 21, and 22; Groups IIC and IIIC

> Cost-efficient installation with PoE

> Low weight for simple installation

> Remote zoom and focus with i-CS lens

> 5 MP resolution at 25/30 fps

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Camera

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: 98°–36° Vertical field of view: 54°–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, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS[a], TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com* One-click cloud 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 MQTT subscribe Storage: disruption, recording System: system ready Time: recurrence, use schedule
Event actions	Record video: SD card and network share MQTT publish 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 Supported AXIS Perimeter Defender, 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*

General

Casing	IP68-rated, SS 1.4404 (ASTM 316L) stainless steel casing for maximum corrosion protection Casing manufactured and certified by Samcon Prozessleittechnik GmbH, *www.samcon.eu*
Sustainability	PVC free
Memory	
Power	**Camera:** Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 5.0 W, max 8.9 W **Heater:** 24 V DC, max 40 W 24 V DC is required for operating at temperatures below 0 °C (32 °F).
Connectors	5 m (16 ft) pigtail cable for network (Cat 6) and power
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	-60 °C to 60 °C (-76 °F to 140 °F) Humidity 10-100% RH (condensing)
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** IEC/EN 60529 IP68 **Explosion** DIN EN/IEC 60079-0, DIN EN/IEC 60079-1, DIN EN/IEC 60079-31, TR CU 012/2011, GOST R IEC 60079-0, GOST IEC 60079-1, GOST R IEC 60079-31 **Network** NIST SP500-267
Certifications	**Model key:** T08-VA2.3.K3.BOR2-LL.H-005.N-P **ATEX:** II 2 G Ex db IIC T5 Gb, II 2 D Ex tb IIIC T95°C Db **Certificate:** TÜV 18 ATEX 8218X **IECEx:** Ex db IIC T5 Gb, Ex tb IIIC T95°C Db **Certificate:** IECEx TUR 18.0023X **IA:** Ex db IIC T5 Gb, Ex tb IIIC T95°C Db **Certificate:** MASC MS/18-3256X **EAC Ex:** 1Ex db IIC T5 Gb, Ex tb IIIC T 95°C Db **Series:** T8, **Model:** T08-VA2.3. **Certificate:** RU C-DE.АБ61.B.00381/19 **PESO:** Ex db IIC T6 Gb **Certificate:** P453640
Dimensions	Length: 310 mm (12 3/16 in) ø 113 mm (4.45 in)
Weight	7.8 kg (17 lb)
Included accessories	Installation Guide, Windows® decoder 1-user license, SKDP03-T Cable ExCam 5 meter, AXIS Surveillance microSDXC Card 128 GB
Optional accessories	Wall Mount ExCam XF, Pole Mount ExCam XF, 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, Weathershield ExCam XF 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*

Environmental responsibility:

axis.com/environmental-responsibility

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 (eay@cryptsoft.com).*