



ExConnection Rail® FA54

Datasheet.

ATEX, IECEx & EACEx certified main unit for multi-view-surveillance*

Features.

- ✓ Certification for **Hazardous Areas**
- ✓ Simultaneous Streaming of Full Frame Rate
HDTV 1080p Streams from up to 4 Sensor Units
- ✓ **Single-Cable-Solution**
- ✓ Protection Level of **IP66** (IEC 60529)
- ✓ HDMI-Output, Two-Way Audio, I/Os,
two microSD-Card Slots
- ✓ **Quad-View-Streaming**
- ✓ Compatible with ExCam SUFA4115 & ExCam SUFA1080



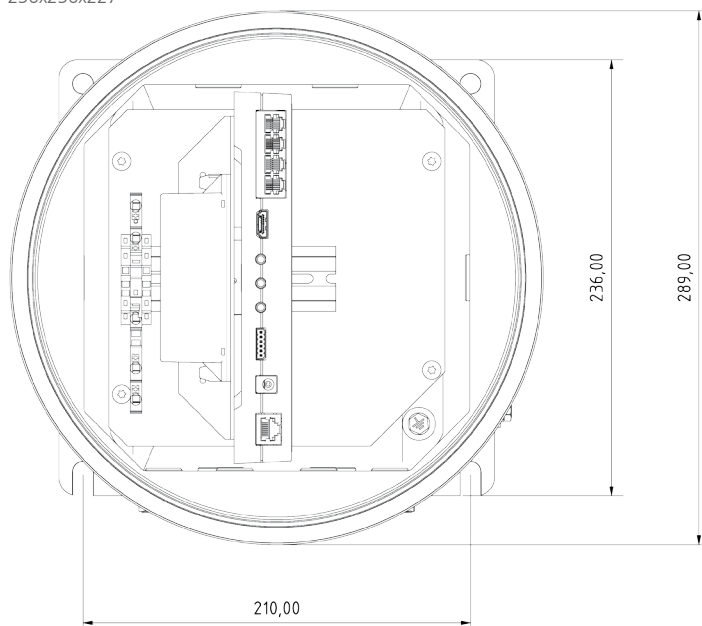
Zones.

Group II (Gas & Dust)	ATEX / IECEx				
Zone	0	1	2	21	22
For use in	✗	✓	✓	✓	✓

More certificates upon request

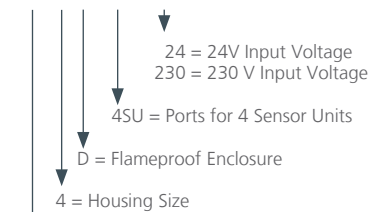
Dimensions.

236x236x227



Models.

T04. 4- D- 4SU- XXX



T04 = ATEX, IECEx & EACEx -ExConnection Rail Type No. 04

Data.

ExConnection Rail® FA54



Explosion protection

Declaration of conformity:

DIN EN/IEC/GOST ... 60079-0, DIN EN/IEC/GOST ... 60079-1,
DIN EN/IEC/GOST ... 60079-31
TUEV-10-ATEX-7969X, IECEx-TUR-16.0025X,
No. TC RU C-DE.AB.61.B.00380/19



Ex- Certificates:



Ex- Marking:

Explosion protection (gas):
Explosion protection (dust):

II 2G Ex d IIC T6 Gb
II 2D Ex tb IIIC T80°C Db



Mechanical characteristics

Housing material:
Protection level:

Aluminium, kopper free and see water resistant
IP66 (IEC/EN 60529)
15.7 kg



Weight:



Range of temperature

-30°C to +50°C



Power supply:

Input voltage T04.4-D-4SU-230:
Power consumption T04.4-D-4SU-230:
Input voltage T04.4-D-4SU-24:
Power consumption T04.4-D-4SU-24:
Connections:

230 VAC (100 VAC - 240 VAC)
max. 43.2 W
24 VDC (18 VDC - 75 VDC);
max. 36.3 W
RJ45 10Base-T/100Base-TX/1000Base-T



Video

Video compression:
Resolution:
Frame rate:
Video streaming:

H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
1920x1080 HDTV 1080p to 480x270
25/30 frames per second (50/60Hz) in 1080p
Multiple, individually configurable streams in H.264 and Motion JPEG
Axis Zipstream technology in H.264
Controllable frame rate and bandwidth, VBR/ABR/MBR H.264

HDMI-output:

Quad view, max. 1080p resolution; HDMI
Single camera source; Picture-in-picture; Quad view; Playlist; single camera sources, still images:
1080p 30/25/24 fps (50/60 Hz)
720p 50/60 fps (50/60 Hz)
576p 50 fps (50/60 Hz)
480p 60 fps (50/60 Hz)

Image settings:

Compression, color, brightness, sharpness, contrast, white balance, Forensic WDR, exposure value, exposure control, exposure zones, local contrasts, mirroring of images, text and image overlay, privacy masks, rotation in quad view

Edge storage:

microSD/SDHC/SDXC slot (card not included);
Support for recording to dedicated network-attached storage (NAS)



Network

Security:
Supported protocols:

100BaseTX (from the Main Unit)
Password protection, IP address filtering, HTTPS encryption,
digest authentication, user access log
IPv4/v6, HTTP, HTTPS, QoS Layer 3 DiffServ, FTP, SMTP,
Bonjour, UPnP, SNMPv1/v2c, v3(MIB-II), etc...



System integration

Application Programming Interface:

Open API for software integration, including
VAPIX® and AXIS Camera Application Platform;
specifications at www.axis.com;
AXIS Video Hosting System (AVHS) with
One-Click Connection; ONVIF® Profile S,
ONVIF® Profile G and ONVIF® Profile T,
specification at onvif.org

Analytics included:

AXIS Video Motion Detection, active tampering
alarm, AXIS Cross Line Detection Support for AXIS
Camera Application Platform enabling installation
of third-party applications, see www.axis.com/acap

Event triggers:

Event actions:

Analytics, edge storage events
Pre- and post-alarm video
buffering

File upload: FTP, HTTP, HTTPS,
network share;

Notification: email, HTTP, HTTPS,
TCP and SNMP trap, WDR mode
Event data

Data streaming:

Enclosed:

Cable glands:

1x ADE1F2 M20 Size6 (10-16mm²);
4x ADE1F2 Size5 (7-12mm²);
1x barrier gland M20 (11.1-20mm²)***



* = Works in conjunction with a suitable sensor unit

** = Illustration shows model with accessories that are subjected to an extra charge

*** = Is needed if the selected cable is not longitudinal tight; Please observe the requirements of DIN/EN/IEC 60079-14.

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