AXIS
C O M M U N I C A T I O N S

AXIS F7225-RE Pinhole Sensor

Extremely discreet pinhole sensor

Ideal for integration in tight spaces such as machines or ATMs, this extremely discreet sensor is designed for use with AXIS F91 main units to ensure lower installation and configuration costs. It supports four HDTV 1080p video streams at 30 fps or 720p video streams at up to 60 fps. When used with AXIS F9111 main unit, it delivers HDTV 1080p video streams at 60 fps or 720p video streams at up to 180 fps. This IP66-/IP67-rated sensor supports a wide temperature range. Furthermore, it offers a 97° field of view for wide area coverage.

> **Extremely discreet design**
> **Up to 60 fps at 1080p**
> **Up to 180 fps at 720p**
> **97° horizontal field of view**
> **Forensic WDR**

HDTV
NETWORK VIDEO

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Camera

Image sensor	1/2.8" (effective) progressive scan RGB CMOS
Lens	3.7 mm, F2.5 **With AXIS F91 Main Unit** **For 1080p:** Horizontal field of view: 97° Vertical field of view: 48° **For 720p:** Horizontal field of view: 58° Vertical field of view: 31° Fixed iris
Minimum illumination	**Color:** 0.3 lux at 50 IRE, F2.5
Day and night	Fixed IR-cut filter
Shutter speed	**With AXIS F9111:** 1080p, 25/30 fps: 1/20000 s to 1.5 s 1080p, 50/60 fps: 1/27000 s to 1 s HDTV 720p, 175/180 fps: 1/32500 s to 0.5 s **With AXIS F9104–B, F9114 and F9114–B:** 1080p, 25/30 fps: 1/20000 s to 1.5 s HDTV 720p, 50/60 fps: 1/32500 s to 0.5 s
Resolution	Maximum 1920x1080 HDTV 1080p
Frame rate	Up to 25/30 fps (50/60Hz) in 1920x1080 capture mode Up to 50/60 fps (50/60Hz) in 1280x720 capture mode
WDR	WDR – Forensic Capture

General

Casing	IP66/67-rated aluminum front casing and plastic rear cover
Sustainability	PVC and BFR/CFR free
Power	Typical 0.9 W, max 1.9 W

Connectors	SMA connector
Operating conditions	–30 °C to 55 °C (–22 °F to 131 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	**EMC** ECE R10 rev.06, EN 50498, EN 55035, EN 55032 Class B, EN 50121-4, EN 50121-3-2, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), IEC 62236-4, KS C 9835, KS C 9832 Class B, VCCI Class B **Safety** EN 45545-2, CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, NFPA 130, UN ECE R118 **Environment** EN 50155:2017 Class OT2/ST2, IEC 60068-2-1, IEC 60068-2-1, IEC 60068-2-27, IEC 60068-2-64, IEC 60721-3-5 Class 5M3, IEC/EN 61373 Category 1 Class B, IEC 60529 IP66, IEC 60529 IP67, NEMA 250 Type 4X
Dimensions	45 x 25 x 20 mm (1.8 x 0.98 x 0.79 in)
Weight	26 g (0.06 lb)
Required hardware	AXIS TU6004 CL2 Cable SMA-FAKRA or AXIS TU6005 Plenum Cable SMA-FAKRA AXIS F91 Main Unit
Included accessories	Installation Guide, AXIS F8202 Straight Mounting Bracket
Warranty	5-year warranty, see *axis.com/warranty*

Environmental responsibility:

axis.com/environmental-responsibility

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