

AXIS F4105-LRE Dome Sensor

Discreet mini dome sensor with IR

Ideal for various indoor and outdoor surveillance scenarios, this discreet dome sensor unit is designed for use with AXIS F91 main units to ensure lower installation and configuration costs. It connects to the main unit using cables up to 30 m (98 ft). It offers an 111° field of view for wide area coverage. Plus, it supports a wide range of exchangeable M12 lens options with different field of view. This robust sensor can withstand shock and vibrations and includes SMA connectors to ensure ruggedized installations. Additionally, with IR illumination, it delivers great image usability even in complete darkness.

- > [Up to 60 fps at 1080p and 180 fps at 720p](#)
- > [111° field of view](#)
- > [IR illumination](#)
- > [For sterile environments](#)
- > [Exchangeable M12 lenses](#)



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Camera	
Image sensor	1/2.8" (effective) progressive scan RGB CMOS
Lens	2.8 mm, F1.6 For 1080p: Horizontal eld of view: 110° Vertical eld of view: 60° For 720p: Horizontal eld of view: 70° Vertical eld of view: 39°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.3 lux at 50 IRE, F2.0 0 lux with IR illumination on
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
Camera angle adjustment	Pan: ±180° Tilt: 120° Rotation: ±90°
Resolution	Maximum 1920x1080 HDTV 1080p
WDR	WDR – Forensic Capture
General	
Casing	IK10-, IP66-, IP67-, and IP6K9K-rated plastic casing Polycarbonate clear dome Color: white NCS S 1002-B
Mounting	Mounting bracket with junction box holes (single-gang)
Sustainability	PVC and BFR/CFR free
Power	Typical 3.7 W, max 5.0 W IR illumination on: typical 2.68 W, max 4.16 W
Connectors	SMA connector
IR illumination	IR with power-efficient, long-life 940 nm IR LEDs Two individually adjustable IR LEDs Range of reach 10 m (33 ft) or more depending on the scene
Operating conditions	With IR illumination off -30 °C to 55 °C (-22 °F to 131 °F)
	With IR illumination on -30 °C to 45 °C (-22 °F to 113 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Start-up temperature: -40 °C (-40°F) Humidity 10–100% RH (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, RCM AS/NZS CISPR 32 Class B, VCCI Class B Safety CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, IEC/EN 62471 risk group exempt, IS 13252, NFPA 130, UN ECE R118 Environment EN 50155:2017 Class OT2/ST2, IEC 60068-2-27, IEC 60068-2-64, IEC 60721-3-5 Class 5M3, IEC/EN 62262 IK10, IEC 60529 IP66, IEC 60529 IP67, ISO 20653 IP6K9K, NEMA 250 Type 4X
Dimensions	Depth: 83 mm (3.3 in) ø 112 mm (4.4 in) 54.4 mm (2.14 in) Cable length: 100 mm (3.93 in)
Weight	590 g (1.3 lb)
Required hardware	AXIS TU6004 CL2 Cable SMA-FAKRA or AXIS TU6005 Plenum Cable SMA-FAKRA AXIS F91 Main Unit
Included accessories	Installation Guide, lens tool
Optional accessories	Lenses Lens M12 2.1 mm F1.8 IR: horizontal eld of view 151° Lens M12 3.6 mm F1.8 IR: horizontal eld of view 88° Lens M12 6 mm, F1.9 IR: horizontal eld of view 58° Lens M12 8 mm F1.8 IR: horizontal eld of view 42° Other AXIS T94D02S Curved Mount Bracket For more accessories, see axis.com
Warranty	5-year warranty, see axis.com/warranty