

AXIS F4108 Dome Sensor

4K indoor ultra discreet dome sensor

Ideal for indoor surveillance, this discreet dome sensor delivers outstanding 4K image quality. With a 107° horizontal field of view, it's perfect for wide-area coverage and delivers a high level of detail needed for forensic analysis. Designed to work with AXIS F Modular Camera Series, it can be combined with up to three other sensor units for maximum flexibility. Ultra-compact in design, it blends discreetly into any indoor environment. It also offers easy and flexible installation. Furthermore, when maintenance or upgrade is needed, the cable can be left in place.

- > **Ultra compact mini dome**
- > **Outstanding 4K resolution**
- > **107° horizontal field of view**
- > **Compatible with cables up to 30 m**
- > **Repaintable cover**



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Camera

Image sensor

1/2.9" progressive scan RGB CMOS
Pixel size 1.4 µm

Lens

4.3 mm, F1.8
Horizontal field of view: 107°
Vertical field of view: 54°
Minimum focus distance: 2.0 m (6.6 ft)
Fixed iris

Shutter speed

Up to 1/7500 s to 1 s¹

Frame rate

Up to 25/30 fps (50/60 Hz)¹

Camera adjustment

Pan -92 to +260°, tilt 0 to 62°, roll 0 to 90°

Resolution

Maximum 3840x2160

Image settings

Rotation: 0°, 90°, 180°, 270° including corridor format

Approvals

Product markings

UL/cUL, FCC, ICES, CE, KC, VCCI, RCM, WEEE

Supply chain

TAA compliant

EMC

CISPR 35, CISPR 32 Class A, EN 55035,
EN 55032 Class A, EN 61000-6-1, EN 61000-6-2
Australia/New Zealand: RCM AS/NZS CISPR 32 Class A
Canada: ICES(A)/NMB(A)
Japan: VCCI Class A
Korea: KS C 9835, KS C 9832 Class A
USA: FCC Part 15 Subpart B Class A

Safety

CAN/CSA C22.2 No. 62368-1 ed. 3,
IEC/EN/UL 62368-1 ed. 3

Environment

IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6,
IEC 60068-2-14, IEC 60068-2-27, IEC/EN 60529 IP42,
IEC/EN 62262 IK08

General

Casing

IP42- and IK08-rated
Plastic casing, polycarbonate (PC) dome
Color: white NCS S 1002-B
For repainting instructions, go to the product's support page. For information about the impact on warranty, go to axis.com/warranty-implication-when-repainting.

Mounting

Wall or ceiling mount

Power

Typical 0.9 W

Connectors

SMA connector

Operating conditions

Temperature: -20 °C to 50 °C (-4 °F to 122 °F)
Humidity: 10–85% RH (non-condensing)

Storage conditions

Temperature: -40 °C to 65 °C (-40 °F to 149 °F)
Humidity: 5–95% RH (non-condensing)

Dimensions

For the overall product dimensions, see the dimension drawing in this datasheet.

Weight

90 g (0.2 lb)

Box content

Sensor unit, installation guide

Required hardware

AXIS F91 Main Unit
Requires one of the following cables:
AXIS TU6004-E Cable
AXIS TU6005 Plenum Cable
AXIS TU6007-E Cable

1. For main units and sensor units capture mode specifications, see capture mode table.

Optional accessories

AXIS TU6002 Right-angle SMA Adaptor

For more accessories, go to axis.com/products/axis-f4108-dome-sensor#compatible-products

System tools

AXIS Site Designer, product selector, accessory selector, lens calculator

Available at axis.com

Warranty

5-year warranty, see axis.com/warranty

Part numbers

Available at axis.com/products/axis-f4108-dome-sensor#part-numbers

Sustainability

Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709

RoHS in accordance with EU RoHS Directive 2011/65/EU and 2015/863, and standard EN IEC 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see echa.europa.eu

Materials

Renewable carbon-based plastic content: 43% (recycled)

Screened for conflict minerals in accordance with OECD guidelines

To read more about sustainability at Axis, go to axis.com/about-axis/sustainability

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org

Capture mode

Capture mode includes frame rate and shutter speed for the sensor unit in combination with different main units.

Main unit	Frame rate (fps) (60/50Hz)	Shutter speed (seconds)
AXIS F9111, AXIS F9111-R Mk II	25/30	1/7500 to 1 s
AXIS F9114	5/5	1/1000 s to 2 s
AXIS F9114-R Mk II	12.5/15	1/7500 s to 1 s

F4108 Dim Drawing



