

AXIS F2135-RE Fisheye Sensor

Discreet fisheye sensor with 1080p

AXIS F2135-RE offers 1080p at 60 fps or 720p at 180 fps with AXIS F9111, an excellent 185° field of view, and good low-light performance in color. It uses cables (up to 30 m/ 98 ft) from Axis with SMA-FAKRA connectors to withstand vibrations and ensure a ruggedized installation. Based on a divided network camera concept, it offers discreet installation and only a small sensor visible externally. Reliable under rough conditions, this ruggedized fisheye sensor unit can withstand temperatures as low as -40 °C and as high as 70 °C intermittently (-40 °F to 158 °F).

- > **Up to 60 fps at 1080p**
- > **Up to 180 fps at 720p**
- > **Excellent 185° field of view**
- > **Rugged sensor unit**
- > **IP66/IP67/IP6K9K-rated**



AXIS F2135-RE Fisheye Sensor

| Camera | |
|-----------------------------|--|
| Image sensor | 1/2.8" progressive scan RGB CMOS |
| Lens | 1.98 mm, F2.0 For 1080p: Horizontal field of view: 185° Vertical field of view: 97° For 720p: Horizontal field of view: 120° Vertical field of view: 62° M12 mount, fixed iris |
| Minimum illumination | Color: 0.1 lux |
| 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 |
| General | |
| Casing | IP66-, IP67-, IP6K9K-a, NEMA 4X-rated Aluminum Color: black NCS S 9000-N |
| Sustainability | PVC free |
| Power | Typical 1 W, max 1.7 W |
| Connectors | SMA connector |
| Operating conditions | -40°C to 60 °C (-40°F to 140 °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 EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35, EAC, ECE R10 rev.05 (E-mark) Safety IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22, UN ECE R118 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-78, IEC TR 60721-4-5 Class 5M3 (vibration, shock), IEC/EN 60529 IP66/IP67, IEC/EN 61373 Category 1 Class B, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9), ISO 21207 (Method B), ISO 20653 IP6K9K |
| Dimensions | 46 mm (1.8 in) ø 29.8 mm (1.2 in) |
| Weight | 50 g (0.1 lb) |
| Required hardware | AXIS TU6004-E Cable, AXIS TU6005 Plenum Cable, AXIS F91 Main Unit |
| Included accessories | Installation guide |
| Optional accessories | For more accessories, see axis.com |
| Warranty | 5-year warranty, see axis.com/warranty |

a. In combination with a cable that has the same IP-rating