

# 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 <b>For 1080p:</b> Horizontal field of view: 185° Vertical field of view: 97° <b>For 720p:</b> 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	<b>With AXIS F9111:</b> 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 <b>With AXIS F9104-B, F9114 and F9114-B:</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	<b>EMC</b> 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) <b>Safety</b> 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 <b>Environment</b> 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 <a href="http://axis.com">axis.com</a>
Warranty	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>

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