

AXIS T90B40 IR-LED Illuminator

Optimized infra-red illumination for Axis cameras

The amount of light required in the scene is optimized simply by pointing AXIS T90B40 wherever it is needed. The default beam angle is 10 degrees. Three diverging lenses are included (35°, 60° and 80°), and a 120° diverging lens is available as an optional accessory. The holographic lens technology distributes the amount of light evenly throughout the whole beam, without any hot spots. The photocell sensitivity and illumination intensity can be fine-tuned remotely. AXIS T90B40 is turned on and off either by the built-in photocell or through the camera I/O port or a PIR sensor.

- > **IR LED**
- > **Highly flexible, interchangeable lenses**
- > **Fine tuning from ground level with remote control**
- > **Evenly illuminated scene**
- > **Suitable for all Axis cameras with infra-red cut filter**



AXIS T90B40 IR-LED Illuminator

Supported products	All Axis cameras with infrared-cut filter	Environment	Outdoor
Distance	With standard lens: 10° x 10° (narrow angle): 310 m (1010 ft) With standard lens: 20° x 10° (wide angle): 220 m (722 ft) With diverging lens: 35° x 10° (narrow angle): 170 m (551 ft) With diverging lens: 70° x 10° (wide angle): 120 m (394 ft) With diverging lens: 60° x 25° (narrow angle): 112 m (367 ft) With diverging lens: 120° x 25° (wide angle): 80 m (262 ft) With diverging lens: 80° x 30° (narrow angle): 70 m (230 ft) With diverging lens: 140° x 30° (wide angle): 50 m (164 ft) With optional diverging lens: 120° x 50° (narrow angle): 65 m (213 ft) With optional diverging lens: 180° x 50° (wide angle): 45 m (148 ft)	Mounting	Wall, Ceiling, Column, Camera housing
Power	Input Voltage: 12-24 V AC/DC ^b AC Frequency: 50-60 Hz Cable length: 2.5 m (8 ft) Maximum light: 96 W 20% of maximum light: 24 W Standby mode: 0.15 W	Approvals	EN 55022 Class B, EN 55024, EN 61547, EN 55015, EN 50130-4, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, EN 60598-1, IEC/EN 60529 IP66, IEC/EN 62262 IK09, EN 50130-5, RoHS, REACH, WEEE, CE IEC/EN 62471 Risk group 2
Control technology	Power level, Photocell sensitivity, Telemetry link for remote activation (if required), Timer	Operating conditions	-50 °C to 50 °C (-58 °F to 122 °F) Humidity: 10-100% RH (condensing)
Type	850 nm semi-covert	Storage conditions	-50 °C to 70 °C (-58 °F to 158 °F)
Angle	10° without diverging lens With diverging lenses: 35°, 60°, 80°, 120° ^a	Dimensions	279 x 223 x 131 mm (11 x 8.8 x 5.2 in)
Casing	Aluminum and polycarbonate Color: Black	Weight	4500 g (9.9 lb)
Display and indicators	Indicator LEDs	Included accessories	Three diverging lenses for different beam angle: 35° (pre-mounted), 60° and 80°
		Optional accessories	AXIS T90A63 Bracket Wall L Mount AXIS T90A66 Bracket Pole Clamp AXIS T90B Remote Control AXIS IR Diverging Lens C 120° Mains adaptor PS-24 ^b
		Warranty	Axis 3- year warranty with additionally 2-year warranty free of charge. See more information at www.axis.com/warranty

a. *Optional accessory*

b. *2x PS24 power supplies are needed to power the T90B40*

Environmental responsibility:

www.axis.com/environmental-responsibility