

AXIS T90B20 IR-LED Illuminator

Optimized infra-red illumination for Axis cameras

The amount of light required in the scene is optimized simply by pointing AXIS T90B20 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 T90B20 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 T90B20 IR-LED Illuminator

Supported cameras	All Axis cameras with infrared-cut filter	EN 60598-1, IEC/EN 60529 IP66, IEC/EN 62262 IK09, EN 50130-5, RoHS, REACH, WEEE, CE IEC/EN 62471 Risk group 2
Distance	With standard lens 10° x 10°: 120 m (394 ft) With diverging lens 35° x 10°: 65 m (213 ft) With diverging lens 60° x 25°: 45 m (148 ft) With diverging lens 80° x 30°: 30 m (98 ft) With optional diverging lens 120° x 50°: 20 m (66 ft)	Operating conditions -50 °C to 50 °C (-58 °F to 122 °F) Humidity: 10-100% RH (condensing)
Power	Input Voltage: 12-24 V AC/DC AC Frequency: 50-60 Hz Cable length: 2.5 m (8 ft) Maximum light: 24 W 20% of maximum light: 6 W Standby mode: 0.15 W	Storage conditions -50 °C to 70 °C (-58 °F to 158 °F)
Control technology	Power level, Photocell sensitivity, Telemetry link for remote activation (if required), Timer	Dimensions 100 x 158 x 95 mm (3.9 x 6.2 x 3.7 in)
Type	850 nm semi-covert	Weight 950 g (2.1 lb)
Angle	10° without diverging lens With diverging lenses: 35°, 60°, 80°, 120° ^a	Included accessories Three diverging lenses for different beam angle: 35° (pre-mounted), 60° and 80°
Casing	Aluminum and polycarbonate Color: Black	Optional accessories AXIS T90A61 Bracket Single AXIS T90A62 Bracket Twin AXIS T90A63 Bracket Wall L Mount AXIS T90A66 Bracket Pole Clamp AXIS T90B Remote Control AXIS IR Diverging Lens B 120° Mains adaptor PS-24
Display and indicators	Indicator LEDs	Warranty Axis 3- year warranty with additionally 2-year warranty free of charge. See more information at www.axis.com/warranty
Environment	Outdoor	a. <i>Optional accessory</i>
Mounting	Wall, Ceiling, Column, Camera housing	Environmental responsibility: www.axis.com/environmental-responsibility
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,	