

## 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

<b>Supported products</b>	All Axis cameras with infrared-cut filter	IEC/EN 62471 Risk group 2 UL 2108, 8750, C22.2 No 250.0-08 IEC 62471:2006 FCC Rules CFR 47:October 2010 Part 15.107 and 15.109, Class B ICES-003 Issue 5, Class B
<b>Distance</b>	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)	
<b>Power</b>	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	
<b>Control technology</b>	Power level, Photocell sensitivity, Telemetry link for remote activation (if required), Timer	
<b>Type</b>	850 nm semi-covert	
<b>Angle</b>	10° without diverging lens With diverging lenses: 35°, 60°, 80°, 120° <sup>a</sup>	
<b>Casing</b>	Aluminum and polycarbonate Color: Black	
<b>Display and indicators</b>	Indicator LEDs	
<b>Environment</b>	Outdoor	
<b>Mounting</b>	Wall, Ceiling, Column, Camera housing	
<b>Approvals</b>	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	
		<b>Operating conditions</b> -50 °C to 50 °C (-58 °F to 122 °F) Humidity: 10-100% RH (condensing)
		<b>Storage conditions</b> -50 °C to 70 °C (-58 °F to 158 °F)
		<b>Dimensions</b> 100 x 158 x 95 mm (3.9 x 6.2 x 3.7 in)
		<b>Weight</b> 950 g (2.1 lb)
		<b>Included accessories</b> Three diverging lenses for different beam angle: 35° (pre-mounted), 60° and 80°
		<b>Optional accessories</b> 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
		<b>Warranty</b> Axis 3- year warranty with additionally 2-year warranty free of charge. See more information at <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

a. *Optional accessory*

**Environmental responsibility:**

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)