

AXIS T90A Illuminators

High-performance illumination for all conditions



- > Adaptive illumination
- > Energy saving
- > Long life and low maintenance
- > Vandal-resistant
- > IP66-rated

AXIS T90A Illuminators is a series of high-performance white and infra-red LED illuminators designed for Axis network cameras. They provide unique flexibility to alter the angle of on-site illumination to suit specific security needs, and to match the network camera's field of view.

For optimal lighting, AXIS T90A Illuminators allow adjustment of the light angle from 10 to 180 degrees at distances up to 160 meters. The illuminators are designed for both fixed and PTZ network cameras. For fixed cameras choose an illuminator that provides a similar light angle as the camera's field of view.

The illuminators are high-efficiency LEDs (light-emitting diodes) with advanced control methods for extremely low energy consumption. Based on solid state LED technology, AXIS T90A illuminators are highly energy-efficient, allowing for huge savings in long-term operational and maintenance costs compared to traditional light bulbs.

Providing exceptional durability, the new surface-mount technology LED's have a life-cycle of up to 10 years. No light bulbs need to be replaced.

IP66-rated vandal-resistant casing and polycarbonate lens protection for indoor and outdoor use makes these illuminators the ideal choice for security installations requiring high-performance and low-maintenance illumination. All AXIS T90A Illuminators have a broad choice of optional bracket accessories.

Technical Specifications – AXIS T90A Illuminators

General – AXIS T90A01	
Power	Input : Power over Ethernet (PoE) Consumption : 10 W Adjustable power output for the LED and telemetry control
Type	IR: 850 nm semi-covert
Environment	Indoor only
Angle	50° (single panel, fixed angle)
Distance	14 m (46 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket
Dimensions	75 x 100 x 54 mm (3 x 4 x 2 in)

General – AXIS T90A11	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 10 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	IR: 850 nm semi-covert
Environment	IP66-rated
Angle	50° (single panel, fixed angle)
Distance	14 m (46 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	75 x 100 x 54 mm (3 x 4 x 2 in)

General – AXIS T90A16	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 15 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	White LED light
Environment	IP66-rated
Angle	50° (single panel, fixed angle)
Distance	14 m (46 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	75 x 100 x 54 mm (3 x 4 x 2 in)

General – AXIS T90A20, AXIS T90A21	
Power	Input : 100-240 V AC (auto-sensing) Consumption: 20 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	IR: 850 nm semi-covert
Environment	IP66-rated
Angle	AXIS T90A20: 120° to 180° AXIS T90A21: 50° to 100°
Distance	AXIS T90A20: 16 to 11 m (52 to 36 ft) AXIS T90A21: 28 to 18 m (92 to 59 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	160 x 115 x 54 mm (6 x 5 x 2 in)

General – AXIS T90A26	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 25 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	White LED light
Environment	IP66-rated
Angle	50° to 100°
Distance	20 to 13 m (66 to 43 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	160 x 115 x 54 mm (6 x 5 x 2 in)

General – AXIS T90A32, AXIS T90A33	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	IR: 850 nm semi-covert
Environment	IP66-rated
Angle	AXIS T90A32: 30° to 60° AXIS T90A33: 10° to 20°
Distance	AXIS T90A32: 80 to 53 m (262 to 174 ft) AXIS T90A33: 150 to 100 m (492 to 328 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	210 x 150 x 65 mm (8 x 6 x 3 in)

General – AXIS T90A37	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	White LED light
Environment	IP66-rated
Angle	30° to 60°
Distance	42 to 28 m (138 to 92 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	210 x 150 x 65 mm (8 x 6 x 3 in)

General – AXIS T90A40, AXIS T90A42	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length: 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Type	IR: 850 nm semi-covert
Environment	IP66-rated
Angle	AXIS T90A40: 120° to 180° AXIS T90A42: 30° to 60°
Distance	AXIS T90A40: 64 to 42 m (210 to 138 ft) AXIS T90A42: 160 to 106 m (525 to 348 ft)
Operating conditions	-50 °C to +50 °C (-58 °F to 122 °F)
Included accessories	U-bracket, power supply with adjustable photocell
Dimensions	280 x 195 x 66 mm (11 x 8 x 3 in)

More information is available at www.axis.com