

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.

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.

Technical specifications – AXIS T90A Illuminators

AXIS T90A01 IR-LED 50 DEG POE

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

AXIS T90A11 IR-LED 50 DEG

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	850 nm semi-covert
Environment	IP66-rated
Angle	50° (single panel, fixed angle)
Distance	14 m (46 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	75 x 100 x 54 mm (3" x 4" x 2")

AXIS T90A16 W-LED 50 DEG

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 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	75 x 100 x 54 mm (3" x 4" x 2")

AXIS T90A20 IR-LED 120-180 DEG, AXIS T90A21 IR-LED 50-100 DEG

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	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 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	160 x 115 x 54 mm (6" x 5" x 2")

AXIS T90A26 W-LED 50-100 DEG

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 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	160 x 115 x 54 mm (6" x 5" x 2")

AXIS T90A32 IR-LED 30-60 DEG, AXIS T90A33 IR-LED 10-20 DEG

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	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 173 ft) AXIS T90A33: 150 to 100 m (492 to 382 ft)
Operating conditions	-50 to +50 °C
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	210 x 150 x 65 mm (8" x 6" x 3")

AXIS T90A37 W-LED 30-60 DEG

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	850 nm semi-covert
Environment	IP66-rated
Angle	30° to 60°
Distance	42 to 28 m (138 to 92 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	210 x 150 x 65 mm (8" x 6" x 3")

AXIS T90A40 IR-LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEG

Power	Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft) Adjustable power output for the LED and telemetry control
Type	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 346 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	280 x 195 x 66 mm (11" x 8" x 3")