



ST-IRL500

**SensorTec IR LASER
FLASH 500W**

Product Description

In extreme situations when only infrared light is valuable for the camera, the self-developed high-performance IR Laser Flash ensures the appropriate lighting for the camera to capture clear and sharp images. Thanks to its output power the SensorTec flash is able to effectively illuminate the target objects even at a great distance. The integrated IR Laser Flash works together with the SensorTec cameras. It is synchronized with the camera and illuminates the monitored object at every recorded frame with configured parameters. The IR Laser Flash features multiple power illumination mode, therefore both reflective and non-reflective license plates can be detected in case of traffic monitoring. Its light is focusable in order to have only the necessary area in light.

Features

- 500W output power
- Multiple power illumination mode
- 808 nm wavelength
- Varifocal illumination
- Synchronized operation with SensorTec cameras
- IP65 rated enclosure
- Automatic self-cleaning system

Application Areas

The IR flash is extremely needed in traffic surveillance, when blinding headlights create changing, unreliable lighting at night. Common Day/Night IP cameras are unable to take useful images of the vehicles, but SensorTec cameras, working together with the self-developed IR Flash are capable of providing irrefutable visual evidences of traffic violations. License plates are clearly visible and identifiable. The device can illuminate even several lanes at once and can be also useful in different challenging modern urban environments.

Technical Specification

Description	SensorTec Varifocal IR Flash for ST_IP20MP_R
Field of beam	6° - 38°
Nominal wavelength	808 nm
Light output power	500W
Synchronization	2-wire SensorTec

ELECTRICAL SPECIFICATION

Power supply	24 V DC / min. 5A
Power consumption	15W
Ambient air temperature	-25 °C to + 65 °C
Degree of protection	IP65

ELECTRICAL SPECIFICATION

Weight	950 g
Dimensions (W × D × H)	98 × 115 × 144 mm (mounting bracket: upper vertical position)
Package gross weight	1000 g
Package dimensions (W × D × H)	120 × 150 × 140 mm



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