



LOGIPIX IR LASER FLASH 500W

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 Logipix flash is able to effectively illuminate the target objects even at a great distance. The integrated IR Laser Flash works together with the Logipix ONE 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.

KEY FEATURES

- 500W output power
- Multiple power illumination mode
- 808 nm wavelength
- Varifocal illumination
- Synchronized operation with Logipix ONE 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 Logipix ONE 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.

- **Traffic Violation Management solution**
- **Safe and Smart City solution**

SPECIFICATIONS

TECHNICAL SPECIFICATION

Part number	LPIX-LR-F-01
Description	Logipix Varifocal IR Flash for LPIX20-ONE-DNI-02
Field of beam	6° - 38°
Nominal wavelength	808 nm
Light output power	500W
Syncronization	2-wire Logipix

ELECTRICAL SPECIFICATION

Power supply	24 V DC / min. 5A
Power consumption	15W
Ambient air temperature	-25 °C to + 50 °C (-13 °F to + 122 °F)
Degree of protection	IP65

MECHANICAL 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
Master carton gross weight	13 kg
Master carton dimensions (W × D × H)	380 × 320 × 300 mm
Pieces / master carton	12 pcs

RELATED COMPONENTS

Logipix cameras

Part number	Description
LPIX-ONE-20-DNI-02	Logipix One 20 Megapixel, 1" IP camera with ABF and 3 optical filters D/N/IR

Logipix SOFTWARE

Part number	Description
SDB08-CC+	Logipix Control Center Professional
SDB08-CCU	Logipix Control Center Ultimate

DIMENSIONS

(all values are in mm)

