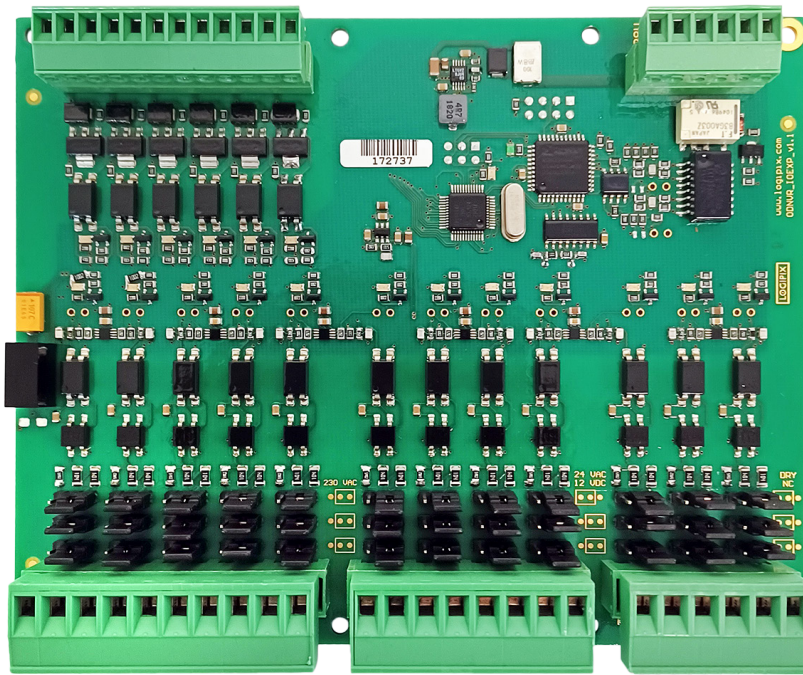




LOGIPIX NVR I/O BOARD

The Logipix NVR I/O board is an optional module for the LNVR, that has 12 inputs and 6 outputs. This is a key device in the Logipix Traffic Violation Management solution. It makes it possible to connect the traffic light controller to the Logipix system. The device's input lines receive the red light signals, therefore helping the system to automatically detect every red light violations in an intersection.

TECHNICAL SPECIFICATION

Part number	LNVR4-IO-12-6
Description	IO extension of LNVR for interfacing traffic controller
Application	Logipix Traffic system
Features	Receiving the signal of the traffic lights
Input number	12
Input type	230 V AC / 24 V AC / 12 V DC / Dry contact (NO/NC)
Input protection	5kV optical isolation
Output number	6
Output type	OC maximum 30 V 0.5 A
Communication line	SC485 (2 wire, ground-free, 1.5kV isolation)
Maximum installation distance	300 m from LNVR with Cat 5e UTP network cable

ELECTRICAL SPECIFICATION

Operating temperature	-40 °C to + 60 °C (-40 °F to 140 °F)
Operating Voltage	12-30 V DC
Power consumption	1.5 W

MECHANICAL SPECIFICATION

Dimensions (W x D x H)	116.5 mm x 146.7 mm x 23.6 mm with connectors
Weight	155 g with connectors

Note: I/O board is delivered as a separate unit in case of ordering.

RELATED COMPONENTS

LOGIPIX NVR

Part number	Description
LNVR4-1-1-O	Logipix Outdoor NVR for 1 pc of Logipix ONE camera
LNVR4-2-2-O	Logipix Outdoor NVR for 2 pcs of Logipix ONE cameras
LNVR4-4-4-O	Logipix Outdoor NVR for 4 pcs of Logipix ONE cameras
LNVR4-4-4-O-02	Logipix Outdoor NVR for 4 pcs of Logipix ONE cameras and additional Traffic Light Cameras
LNVR4-8-16-I	Logipix NVR for VCA with built-in 8 channel LPoE router, 16 HDDs
LNVR4-8-8-I	Logipix NVR for VCA with built-in 8 channel LPoE router, 8 HDDs

LOGIPIX CAMERAS (HIGHLIGHTED RECOMMENDATIONS)

Part number	Description
LPIX20-ONE-DNI-01	Logipix One 20 Megapixel, 1" IP camera with ABF and 3 optical filters D/N/IR
LPIX20-ONE-DNI-02/04	Logipix One 20 Megapixel, 1" IP camera with ABF and 3 optical filters D/N/IR for Traffic systems
LPIX14-ONE-DNI	Logipix One 14 Megapixel, 1" WDR IP camera with ABF and 3 optical filters D/N/IR
LPIX-TRF-01	Logipix Traffic Light Camera 15 Megapixel for Traffic systems

LOGIPIX IR FLASH

Part number	Description
LPIX-IR-F-01	Logipix Varifocal 100W IR Flash for LPIX20-ONE-DNI-01
LPIX-LR-F-01	Logipix Varifocal 500W Laser IR Flash without self-cleaning for LPIX20-ONE-DNI-02
LPIX-LR-F-02	Logipix Varifocal 500W Laser IR Flash with self-cleaning for LPIX20-ONE-DNI-02

LOGIPIX RADAR

Part number	Description
LPIX-RAD-01	Logipix multi-lane radar for speeding detection

SOFTWARE

Part number	Description
LPIX-CC+TR	Logipix Control Center Professional Server with Traffic extension
LPIX-TR-VS	Traffic Violation Server (Includes Oracle RDBMS; calculated for 2 cores)
LPIX-TR-ANPR-01	Logipix ANPR engine for centralized operation
SDES-03	Interface to government database
VMC-01	Traffic Violation Management Client

APPLICATION AREAS

The Logipix NVR I/O board is an essential accessory in case of automatic red light violation detection and traffic counting.

- Traffic Violation Management solution
- Safe and Smart City solution

DIMENSIONS (all values are in mm)