//// InnoSenT

ITR-3800

Quick Start Guide 1.0

1. INSTALL TRAFFIC MANAGER SE

The Traffic Manager SE's purpose is, to evaluate and configure the ITR-3800 traffic radar.
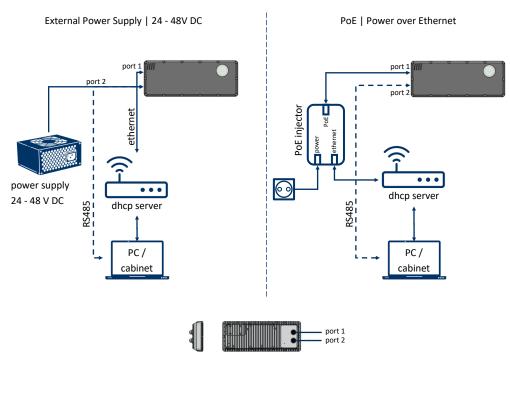
1. Download the ITR-3800 Software Package at InnoSenT Download Portal

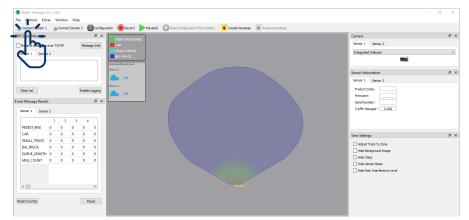2. Please contact your InnoSenT contact person for the software activation key

2. SETUP NETWORK AND POWER SUPPLY

External Power Supply | 24 - 48V DC
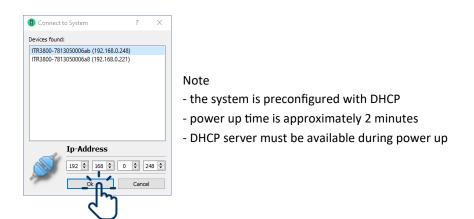
PoE | Power over Ethernet

3. NETWORK CONFIGURATION

1. Start Traffic Manager SE. Click CONNECT button.

2. When using more than one ITR-3800 in a network:

- different devices can be determined by their unique hostname (printed on label)
- hostname "ITR3800-XXXXXXXXXXXX" (X refers to MAC without hyphens)

Note
- the system is preconfigured with DHCP
- power up time is approximately 2 minutes
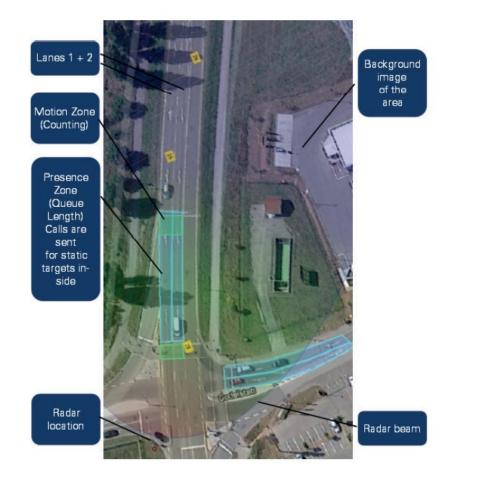- DHCP server must be available during power up

4. CONFIGURATION WITH INNOSENT TRAFFIC MANAGER SE

For configuration follow the instructions of the configuration wizard (CONFIGURATION button)
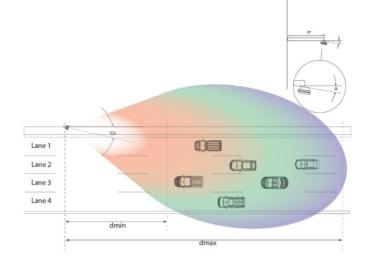
- send configuration to the ITR-3800
- save configuration on PC

For a more detailed explanation of the Traffic Manager SE, please see ITR-3800 User Manual.

5. TYPICAL INSTALLATION OF THE ITR-3800

INSTALLATION PARAMETER	MINIMUM	TYPICAL[1]	MAXIMUM	UNIT
Height	4 | 13	6 | 19	8 | 26	m | ft
Elevation Angle	-10	-7	0	°
Angle to Lane	-60	6	60	°
Motion Zone	30 | 98		200 | 656	m | ft
Presence Zone	20 | 65		80 | 262	m | ft

ORIENTATION

TOP side is tagged on the label on sensor backside.

[1] typical specifications are for general understanding and may vary

SAFETY INSTRUCTIONS

• Only skilled and instructed persons shall install and connect the devices.
• Proper experience in working with mains voltage, electrical and electronic devices is required.
• Do not connect the devices directly to mains voltage, instead use the voltage given in the manual.
• Do not wire any connections while power is applied to the device.
• Ground the devices carefully to prevent electrical shock.
• All connectors are pin-coded and fit in only one position.
• Mount the devices carefully to prevent them from shifting or dropping.
• The case must not be opened as this will void the warranty and cause incorrect calibration of the sensor.
• The radome must not be painted, covered or glued over, as this will impair its function and cause incorrect calibration.

Grounding connection:
a: screw
b: plain washer
c: cable lugs
d: contact washer

• Ensure adequate ventilation during operation.
• The breather must not be covered.
• All connected plugs must be screwed mechanically stable in order to comply with protection class IP67.
• Unused connections should be covered with a sealing cap.
• Use a shielding for the sensor if needed to protect against environmental conditions (snow, rain, dust).
• Only use fully functional equipment (ladders, aerial work platform, …) when working above ground.
• Staff shall be capable of working at heights.
• Use caution when installing the devices on or around active roadways. Pay attention to moving traffic.
• The devices must be mounted to a stiff and solid support.
• Vibration, oscillation or any kind of movement will reduce the sensor performance.
• Make sure that your installation methods are in accordance with local safety policy and procedures and company practices.
The protective conductor connection must not be used for other purposes. It must have a permanent electrical continuity and mechanical strength.

CONTACT INFORMATION

InnoSenT GmbH
Am Roedertor 30
97499 Donnersdorf
GERMANY

Phone: +49 9528 9518 0
E-Mail: sales@innosent.de
Web: www.innosent.de