

## Intersect<sup>™</sup>

### Orange Traffic

The first open platform designed for traffic control cabinets and intelligent transportation systems

### Intersect offers a all new range of possibilities

- collect demographic data on roads and infrastructures usage
- install city-wide functionalities in minutes no additional intersection hardware
- leverage traffic control cabinets to offer new functionalities
- remote installation and monitoring of smart city applications
- reduced installation and maintenance costs
- simplified integration of multiple sensors (radars, loops, serial devices, etc.)
- creates communication links between intersections
- smallest platform on the market for traffic control cabinets
- fits in a 1-1/8 in. X 8 in. X 4-1/2 in. package



## Description

With its integrated approach and multiple sensors and communication links, Intersect<sup>™</sup> is the tool of choice to create and implement your Smart City concept. It literally allows developers to enter the traffic control cabinet in a safe way to enable quick deployment of city-wide systems in a safe and efficient way.

Designed with openness in mind, Intersect<sup>™</sup> allows developers from any background to create their own application, while the platform remains secure and compliant to traffic control cabinet standards.

Being it to create large scale systems or to build simple applications, Intersect<sup>™</sup> has the sensors, the tools and the form factor to help you get the most out of your traffic control infrastructures and help you create the city of the future.

## Specifications

### Features:

- NEMA TS2 type 1 detector-rack card
- Linux-based
- 4 x Universal voltage 10VDC to 120VAC digital inputs
- 4 x Universal voltage 10VDC to 120VAC digital outputs
- 10/100 Mbps CAT5 Ethernet port
- Bluetooth 2.X & LE (smart) 2.X
- WiFi
- GPS
- Cellular
- DSRC
- 3 x Serial (2 x RS232 and 1 x RS485)

### Characteristics:

- Power: 24VDC or 120VAC, 25W
- Processor: ARM Cortex
- Operating system: Linux

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**For more information: 1 800 363-5913**

Created on 14.12.2018 at 21:37:07 EST