Intersect™

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

INTERSECT - A 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™ 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™ 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™ 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.

CHARACTERISTICS

Power: 24VDC or 120VAC, 25W

Processor: ARM Cortex

Operating system: Linux

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