



# STUTT GART™

## Nanopod™ Receiver

The Stuttgart™ vehicle detectors employ the latest solid state sensor technology. The RX1 is a general detector receiver for different indoor and outdoor vehicle sensors that are Bluetooth 5 enabled. The RX1 provide a simple dual channel detect output as well as a RS485 data output.

### APPLICATIONS

- Parking bay detection
- Boom gate detection
- Stop bar detection
- Traffic adaptive application
- Traffic counting and classification
- Speed measurement

### KEY FEATURES

- Low cost and compact device
- 2 built-in channels + 14 external channels
- Bluetooth range up to 1500 feet
- Up to 120 bluetooth devices
- Fail safe and fail secure settings
- Up to 16 outputs with configurable AND/OR functions up to 120 inputs
- Windows and Cellular configuration and monitoring applications
- Bluetooth firmware upgradable
- Internal or external antenna

**ARTIFICIAL  
INTELLIGENCE  
REDEFINED**



flexible  
solutions for  
**TRAFFIC**

ENGINEERING  
**EXCELLENCE**

# STUTTGART™

## Nanopod™ Receiver

### RECEIVER FEATURES

- Up to 128 assignable PODs
- Up to 16 channels output
- Failsafe/Failsecure functionality
- RS485 data output
- I<sup>2</sup>C bus extender
- Presence/Pulse mode
- Wireless software update
- Data logging
- Internal or External antenna

### SUPPORTED MOBILE DEVICES

- iPhone 4s +
- Android 4.3 +

### RECEIVER OPTIONS

#### Output Channels

- Standard 2 channels
- I<sup>2</sup>C expansion
- RS485 expansion

#### Enclosure options

- Aluminum
- ABS plastic

#### Interface options

- LED
- OLED graphics display

### TECHNICAL SPECIFICATIONS

Characteristic	Min	Max	Units
Storage Temperature	-40	105	°C
Operating Temperature	-40	85	°C
Supply Voltage	5	18	Volt
Supply Current	0	25	mA
Reaction time	50	250	ms
Output sink current	0.5	300	mA
Output sink voltage	2	60	V
Communication interval	50	2000	ms
Detection height	1	36	Inch
Communication range with receiver antenna	0	1500	Ft
Transmission power	0	10.5	dBm

