WVD-130x wireless vehicle detection sensor is designed for pursuit of high efficiency and low cost ITS traffic application systems. Based on technology of magnetic detection and uPower® wireless sensor network, WVD-130x sensors can be easily installed on road in few minutes without any wiring to acquire dynamic traffic flow information with no maintenance for many years.

**APPLICATIONS**
- ITS Traffic flow monitor
- Speed enforcement
- Red light enforcement
- Travel time guidance
- Traffic signal optimization
- Freeway incident detection
- Entrance vehicle counting

**KEY FEATURES**
- 433MHz 120m transmit range
- -40～85℃ work temperature
- 10 years lifespan
- Wireless OTA upgrade
- 97%+ accuracy
- Φ116/H90mm
- Embedded installation

**FUNCTIONS**
- Traffic flow detection
- Vehicle presence detection
- Driving direction detection
- Vehicle speed detection
- Vehicle counting
- Temperature detection
- All weather work condition

**AVAILABLE MODELS**
WVD-130x is available for F/E/V/D models:
- F: Flow detection
- E: Existence detection
- V: Speed detection
- D: Direction detection
Also a Start Kit is available for WVD-130x

**RELATED PRODUCT**
WVD-130x is designed to work with WAP wireless access point, which collects data from WVDs and transmits to user system.
- WAP-348G/P for 48 channels
- WAP-308G/P for 8 channels
- SensorManager software

**SUPPORT & SERVER**
Online shop:
http://rosimits.en.alibaba.com
Tel: +86-760-85313186
Fax: +86-769-85313186
Mail:Rosimits@163.com
www.rosimits.com
WVD-230x wireless vehicle detection sensor is designed for pursuit of high efficiency and low cost ITS traffic application systems. Based on technology of magnetic detection and uPower® wireless sensor network, WVD-230x sensors can be easily installed on road in few minutes without any wiring to acquire dynamic traffic flow information with no maintenance for many years.

**INSTALLATION**
1. Drill a small hole of $\Phi 7/D8cm$
2. Fill it with cement to 1/2
3. Embedded WVD and installation finish

**APPLICATIONS**
- ITS Traffic flow monitor
- Speed enforcement
- Red light enforcement
- Travel time guidance
- Traffic signal optimization
- Freeway incident detection
- Entrance vehicle counting

**FUNCTIONS**
- Traffic flow detection
- Vehicle presence detection
- Driving direction detection
- Vehicle speed detection
- Vehicle counting
- Temperature detection
- All weather work condition

**KEY FEATURES**
- 433MHz 50m transmit range
- -40～85°C work temperature
- 7 years lifespan
- Wireless OTA upgrade
- 97%+ accuracy
- $\Phi 66/H79mm$
- Embedded installation

**AVAILABLE MODELS**
WVD-230x is available for F/E/V/D models:
- F: Flow detection
- E: Existence detection
- V: Speed detection
- D: Direction detection

Also a Start Kit is available for WVD-230x

**RELATED PRODUCT**
WVD-230x is designed to work with WAP wireless access point, which collects data from WVDs and transmits to user system.
- **WAP-348G/P** for 48 channels
- **WAP-308G/P** for 8 channels
- **SensorManager software**

**SUPPORT & SERVER**
Online shop: http://rosimits.en.alibaba.com
Tel: +86-760-85313186
Fax: +86-769-85313186
Mail: Rosimits@163.com
www.rosimits.com
**Rosim WAP-348x**

**Power your application**
Real-time traffic data collection

No cables, no cutting, no traffic close. Less time, less cost, less maintenance. **But** the same result.

WAP-348x wireless access point acts as a gateway between user applications and wireless vehicle detection network formed among the WVD sensors installed on the road surface. WAP-348x manages the network and collects data from all the sensors, and on the other hand, provides data interface to user systems.

**KEY FEATURES**
- 433MHz 120m transmit range
- -40～85℃ work temperature
- USB/RS-232/Ethernet data port
- GPRS communication (Option)
- DC9-36V/PoE power supply
- 48 detection channels
- 48 OCs output terminals
- 48 detection result LEDs
- L23/W10/H4.9cm

**APPLICATIONS**
- ITS Traffic flow monitor
- Speed enforcement
- Red light enforcement
- Travel time guidance
- Traffic signal optimization
- Freeway incident detection
- Entrance vehicle counting

**FUNCTIONS**
- Data collection and transmission
- Network management
- Sensor configuration
- Detection result display

**ACCESSORIES**
1. Yagi antenna
2. RF cable
3. Data cable
4. Power supply

**AVAILABLE MODELS**
WAP-348x is available for G/P models
- G: GPRS version
- P: PoE supply version

**RELATED PRODUCTS**
WAP-348x is designed to collect data from WVDs
- WVD-130x
- WVD-230x
- WVD-330
- SensorManager software

**SUPPORT & SERVER**
Online shop: http://rosimits.en.alibaba.com
Tel: +86-760-85313186
Fax: +86-769-85313186
Mail: Rosimits@163.com
www.rosimits.com
WAP-308x wireless access point acts as a gateway between user applications and wireless vehicle detection network formed among the WVD sensors installed on the lanes. WAP-308x manages the network and collects data from all the sensors, as well as provides data interface to user systems. WAP-308x is especially suitable to controlling systems where less channels needed but relay outputs are expected.

KEY FEATURES
- 433MHz 80m transmit range
- -40～85℃ work temperature
- USB/RS-232/Ethernet data port
- GPRS communication (Option)
- DC9-36V/PoE (Option) supply
- 8 detection channels
- 8 opt coupler outputs
- 2 relay outputs
- 8 detection result LEDs
- L10/W10/H4.9cm

APPLICATIONS
- ITS Traffic flow monitor
- Speed enforcement
- Red light enforcement
- Travel time guidance
- Traffic signal optimization
- Freeway incident detection
- Entrance vehicle counting
- Entrance controlling

FUNCTIONS
- Data collect and transmit
- Network management
- Sensor configuration
- Detection result display
- Control signal output

RELATED PRODUCTS
WAP-308x is designed to collect data from WVDs
- WVD-130x
- WVD-230x
- WVD-330
- SensorManager software

ACCESSORIES
1. Antenna
2. RF cable
3. Data cable
4. Power supply

AVAILABLE MODELS
WAP-308x is available for G/P models
- G: GPRS version
- P: PoE supply version

SUPPORT & SERVER
Online shop:
http://rosimits.en.alibaba.com
Tel: +86-760-85313186
Fax: +86-769-85313186
Mail: Rosimits@163.com
www.rosimits.com
SensorManager software is provided for customers to quick start the wireless vehicle detection system. It provides a series of configuration functions for WVD sensors, as well as various forms of data monitor output. A demo system or experiment of testing purposes can be easily established by SensorManager software.

**RELATED PRODUCTS**
- WAP-348x
- WAP-308x
- WVD-130x
- WVD-230x
- WVD-231

**CONFIGURATION FUNCTIONS**
- Sensor configure
- Detection mode configure
- Detection sensitivity configure
- Detection lane distribution
- Network filter configure
- Pair matching configure
- GPRS transmission configure

**DATA MONITOR**
- Device running state monitor
- Battery monitor
- Signal quality monitor
- Vehicle presence monitor
- Traffic flow monitor
- Occupy rate monitor
- Vehicle speed monitor
- Driving direction monitor
- Statistical average speed

**SUPPORT & SERVER**
- Tel: +86-760-85313186
- Fax: +86-769-85313186
- Mail: Rosimts@163.com
- www.rosimts.com

**APPLICATIONS**
- Sensor configuration
- Speed measurement
- Real-time data monitor
- Data statistics and monitor