

See Important Safety Warnings on Opposite Side

1 Install



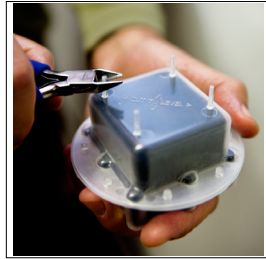
Sensor in Shell
Ensure sensor label is visible and record sensor number.



Core
Core hole 4" diameter, 2 1/2" depth.



Clear Debris from Hole
Vacuum or brush hole clear of debris. Ensure hole is dry.



Trim Shell Legs
Trim the sensor shell legs to level as needed. Ensure that the sensor and shell reach the required height of 1/4" or less below road surface.



Apply Epoxy
Fill EMPTY HOLE half way with epoxy.



Place Sensor
Ensure sensor is 1/4" or less below surface, level, label up, and arrow points in direction of traffic.

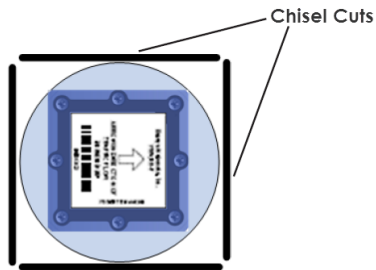


Apply Epoxy
Fill hole with epoxy. Level to road surface.



Installed Sensor
Allow 5 - 10 minutes to cure.

1 Chisel



Prepare
Fit a hammer drill with 1" flat blade. Mark 4 cuts around sensor location.

Chisel
Chisel 4 cuts 1" in depth. Deeper cuts will result in the removal the entire sensor core plug. Chisel straight down. Observe all cautions (at right).

2 Remove



Pry Upward
Insert 3' pry bar. Pry upward with moderate force. Alternate prying using all drill cuts.

Remove Shell Top
Carefully work the shell top loose and remove it. Do not make contact with the sensor.

Remove Sensor
Pull sensor from shell. Clear all dust and debris from it. Leave base of shell in road.

Warnings

- Lithium Thionyl Chloride Batteries**
Sensys Networks uses Lithium Thionyl Chloride batteries in the following products:
- Sensors (VSN240-F, VSN240-T, VSN240-S)
 - Repeaters (RP240-B, RP240-BH, RP240-B-LL, RP240-BH-LL)
- Lithium batteries are widely used in electronic products because they contain more energy per unit -weight than conventional batteries. However, the same properties that deliver high energy density also contribute to potential hazards if the batteries are damaged. Improper use or handling of the batteries may result in leakage or release of battery contents, explosion or fire.
- Following are the recommendations of the battery manufacturer for proper use and handling of batteries in the Sensys Networks devices mentioned above:
- DO NOT charge or attempt to recharge the batteries (batteries are NOT rechargeable)
 - DO NOT crush or puncture batteries
 - DO NOT short-circuit the batteries
 - DO NOT force over-discharge of the batteries
 - DO NOT incinerate or expose batteries to excessive heating
 - DO NOT expose battery contents to water
 - DO dispose of batteries and devices containing batteries in accordance with local regulations

Sensys Networks sensors contain no serviceable parts and should never be disassembled. Installation and removal of sensors from pavement should only be done by trained personnel and care should be taken to insure that the sensor casing is not punctured or crushed.

FCC Notice: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
2. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

