



## Type II 4G Cellular Module SIM Card Installation Procedures and Status Indicators



The SIM slot is located on the right side of the AVW400 monitor near the three LEDs labeled TX, RX, and S. The Type II Cellular Module is designed to accept the SIM card inserted directly into the slot. There is no tray to hold the SIM with the Type II module.



Hold the SIM with the gold contacts facing up and the notched corner facing away from your hand. Slide the SIM into the SIM slot and push in until it stops. A click will be heard and the SIM should be securely held in place.



When properly inserted and latched approximately 2mm of the SIM will be exposed.

To remove the SIM, press in on the SIM then release. This will un-latch the SIM and it will be free to pull out of the SIM slot.

## **Type II Cellular Module Communication Status Indicators**

### **Initial Power-Up / Searching for Cell Tower**

When power is first applied to the monitor, the yellow RX and S cellular status indicators will flash in a repeated, alternating pattern. In this state the cellular module is active, but it is not attached to a cellular tower.

TX – Off  
RX – Flashing  
S – Flashing

### **Connection with Cell Tower**

Initiating a manual communication, by pressing and holding the multi-purpose PUSH button on the AVW400 monitor until LED 3 is lit (approximately 3-seconds), will instruct the module to search for and attach to a cellular tower. When a connection to a cellular tower is made, the yellow 'S' indicator will flash on/off in a repeated cycle (2s on, ½s off, 2s on, ½s off...).

TX – Off  
RX – Off  
S – Flashing

### **Communicating**

When the monitor is actively communicating and passing data, the TX, RX and S indicators will all flash/flicker in randomly as data is sent and received. Upon completion of communication the status indicators will return to the Connected with Cell Tower state

TX – Flashing  
RX – Flashing  
S – Flashing

### **No Tower Connection**

If the cellular module cannot establish a connection with a tower, the yellow 'S' indicator will briefly flash on every two seconds.

TX – Off  
RX – Off  
S – Flashing