# Sentry™ - Remote Monitoring and Control System

## for the Fusion5s, Fusion5X, Force5, Industrial Force7 and Guardian3

Sentry is SureCall's revolutionary advancement in cellular signal booster installation, optimization and ongoing management. A must-have for installers, it allows for fast and seamless installations. When connected to SureCall's Fusion5s, Fusion5X, Force5, Industrial Force7 or Guardian3 the Sentry hardware provides remote access to the booster via the Sentry software allowing users to adjust the attenuation to control:

- Over-Powering
- Oscillation
- Over Attenuation

Model # SC-Sentry

Sentry allows installers to:

- Optimize installation by monitoring and identifying the strongest signal strength available and adjusting gains
- Quickly pinpoints malfunctions due to unforeseen changes such as newly installed cellular towers or repeater systems
- Immediately notifies installers or end-users via email about booster failures or over-powering
- Optimizes 3G and 4G speed
- Remotely adjust and control uplink, downlink or band

**Tools**

Add Booster    Type: Force5   Name: Force-5   Address: Address

Force-5

| Band | Channel | Attenuation | Manual Attenuation | Automatic Gain Control Attenuation | Gain | Output Power | Outside Signal Strength | Uplink/ Downlink Status | Band On/Off | Over Power | Oscillation | Over Attenuation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LTE-A | Uplink 698-716M | 0 dB | 30 dB | 0 dB | 34 dB | -20 dBm | | Sleep | ON | Normal | Normal | Normal |
| LTE-A | Downlink 728-746M | 25 dB | 25 dB | 0 dB | 34 dB | | -75 dBm | OFF | ON | Normal | Normal | Normal |
| LTE-V | Uplink 776-787M | 0 dB | 30 dB | 0 dB | 34 dB | -20 dBm | | Sleep | ON | Normal | Normal | Normal |
| LTE-V | Downlink 746-757M | 25 dB | 25 dB | 0 dB | 34 dB | | -75 dBm | OFF | ON | Normal | Normal | Normal |
| Cellular | Uplink 824-849M | 0 dB | 30 dB | 0 dB | 35 dB | -15 dBm | | Sleep | ON | Normal | Normal | Normal |
| Cellular | Downlink 869-894M | 0 dB | 25 dB | 0 dB | 40 dB | | -75 dBm | OFF | ON | Normal | Normal | Normal |
| PCS | Uplink 1850-1915M | 0 dB | 30 dB | 12 dB | 42 dB | -20 dBm | | Sleep | ON | Normal | Normal | Normal |
| PCS | Downlink 1930-1995M | 0 dB | 25 dB | 0 dB | 47 dB | | -62 dBm | OFF | ON | Normal | Normal | Normal |
| AWS | Uplink 1710-1755M | 0 dB | 30 dB | 2 dB | 41 dB | -17 dBm | | Sleep | ON | Normal | Normal | Normal |
| AWS | Downlink 2110-2155M | 0 dB | 25 dB | 0 dB | 46 dB | | -69 dBm | OFF | ON | Normal | Normal | Normal |

Refresh   Apply     Sentry Software Version   SC ME1-MONITOR V1.6     Connection Status ● Alert

Clear and concise results screens indicate where adjustments are needed.

## Package Contents

• Sentry Product     • Ribbon Cable     • USB Cable     • AC Adapter

Sentry



Ribbon Cable



AC Adapter



USB Cable



## Product Specification

| | |
|---|---|
| Cellular Uplink Frequency Range (MHz): | 698/716 / 776-787 / 824-849<br>1850-1915 / 1710-1755 G Block Included |
| Cellular Downlink Frequency Range (MHz): | 728-746 / 746-757 / 869 - 894<br>1930-1995 / 2110-2155 G Block Included |
| Public Safety Uplink Frequency Ranges: | 788/805 / 806-824 / 896-901 |
| Public Safety Downlink Frequency Ranges | 758-775 / 851-869 / 935-940 |
| AC Power Transmitter: | Input AC 110 V, 60 Hz / Output DC 12 V |
| Dimensions: | 10-1/4" X 4-1/4" X 1-5/8" |
| Weight: | 3.8 LB |

**WARNING: The Sentry may not function properly when used on a secure, private network environment. Please contact SureCall at 888-365-6283 for assistance.**