

Protecting Alarm Systems from Telephone Line Loss

DigiCell[®]1500

The Uplink DigiCell 1500 typically transmits alarms in less than one second, versus the four to five seconds it takes for a phone line to dial the central station, dramatically reducing the time a professional thief has to disable an alarm panel. This feature becomes even more significant in a fire emergency, when every second counts. Uplink's alarm acknowledgment feature guards against alarms ever being "lost", as can happen with systems dependent on radio, since Uplink continues to send an alarm until it is acknowledged by the network.

DigiCell[®]1650

The Uplink DigiCell 1650 transmits full alarm panel data via the fully redundant Cellemetry wireless data network. Housed in a steel enclosure, with its own power supply and phone monitor, the unit comes ready for installation. The new e-mail feature allows daily or weekly tests to be sent directly to your customer, giving them the peace of mind that their system is doing its job.

- **Patented, proprietary technology**
- **Comprehensive, redundant coverage**
- **No voice channel interference**
- **Cost effective**
- **Compatible with virtually all equipment**
- **Reliable, low-cost wireless network**
- **Automatic carrier switching**
- **Multiple alarm notification methods**
- **Web enabled management**

DigiCell 1500

INPUTS

- Three (3) Inputs
 - Two (2) Inputs Provide:
 - Contact Closure - Normally Open or Normally Closed
 - Voltage - Normally High or Normally Low
 - Open Collector - Normally Off or Normally On
 - One (1) Input Provides (Through Switch Selection)
 - Contact Closure - Normally Open or Normally Closed
 - Voltage - Normally High or Normally Low
 - Open Collector - Normally Off or Normally On
 - Pulse Counter Input
 - o Report every 12 or 24 hours
 - o Read or reset count on demand
 - Bell Trip
 - Siren Trip

OUTPUTS

- One (1) Output (Through Switch Selection)
 - Wet contact relay
 - Form C dry contact
 - Trouble output or controllable

PHYSICAL/ELECTRICAL

- 12 VDC
- 80 mA standby, 1500 mA peak (150 ms transmission burst)
- 5.75" L (without Antenna) x 2.3" W x 1.25" H
- White Plastic with Mounting Clip

CELLEMETRY TRANSCIVER SPECIFICATION

- FCC certified Cellemetry Data Service radio
- Full three (3) watt transmitter
- Receiver sensitivity to -115dBm

ANTENNA

- 824-896 MHz, 1/4 wave
- Gain, profile and mounting options
- Optional: 2.5 dBm low profile, 5dBm Universal Mount and 9dBm Yagi

WEBSITE FEATURES

- Manage account
- Select service plans
- View billing history
- View event and notification histories
- Set up notification options
- Customize notification text
- Remotely query input and/or radio status
- Read and reset pulse counter



DigiCell 1650

NEW ADDITIONS

- Tamper input
- Buttset terminals
- TLM output
- Trouble output

FEATURES

- Daily or weekly test transmissions, can optionally report to Central Station
- Supports Ademco Contact ID, Radionics Modem IIe/IIIa2 format
- All alarm events are two-way, sending an acknowledgement to the 1650
- Central Station format, phone numbers, account numbers, and alternate notification paths are set over an interactive website
- Unit is fully web enabled including demand tests
- All messages, signals and communications are viewable at the website
- Telephone line monitor checks both current and voltage

STATUS LEDs

- Seven (7) status LEDs
- Two modes - Signal Strength Mode and Normal Operating Mode
- Signal Strength Mode

DIMENSIONS

- 11.25"L x 11.25"W x 3.5" D

CELLEMETRY TRANSCIVER SPECIFICATION

- FCC certified Cellemetry Data Service radio
- Full three (3) watt transmitter
- Receiver Sensitivity to -115dBm
- Channel spacing 30kHz.
- Transmit frequency. 833.43 - 834.66 MHz
- Receive frequency. 878.43 - 879.66 MHz
- Transmission rate 10k baud, using Manchester encoding with CRC

ANTENNA

- Standard is unity gain, omni directional 2.5dBm whip with SMA connector
- Optional Antennas: 2.5 dBm low profile, 5dBm Universal Mount, and 9dBm Yagi

POWER SUPPLY

- 16.5 V AC Input
- 2A Peak Current
- Built in battery charge circuit

ACCESSORIES NOT INCLUDED

- 12 V Battery (4 or 7 AH)
- Transformer
- Double-Ended RJ-31X Cable

