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Uplink™ Dedicated Wireless Communications for Security Monitoring

Uplink™ is the dedicated wireless communications solution from Numerex that continuously monitors and reports all alarm and operational status messages generated by security and monitoring systems. The market leader in communicating alarms from security systems, Uplink provides a secure, cellular link that transmits industry standard messages to any Alarm Receiving Center (ARC) Central Station in North America.

Uplink transmits alarm messages across the reliable CellemetryXG™ network around the clock. In the event of a telephone line cut – or any interruption in service – Uplink ensures that alarm messages are delivered to the Central Station in a matter of seconds. Providing dedicated, redundant alarm communications, Uplink can simultaneously deliver alarm signals to the Central Station via phone or Internet and to the customer via email or alpha-numeric page.

A comprehensive online dealer portal provides easy access to information and administrative functions, including account management, service plan options, billing history, event notification and options, event histories, query input and radio status, and pulse counter readings. Uplink installation is fast and intuitive, with no additional programming or Central Station hardware required. To ensure continued reliability, automatic or on-demand testing is supported either daily or weekly. Proven and powerful, Uplink keeps your business and residential customers – and their valuable assets – connected and secure 24/7.

Features Common to All Uplink Transceivers

Uplink Device Features

- Web Management — Dealer Portal
- Easy Installation — No Programmer Required
- No Special Central Station Receiving Hardware or Software Required
- Instant Connectivity — Transceivers Auto-Acquire the CellemetryXG Network
- Automatic Daily or Weekly and On-Demand Testing

DigiCell® 1500 Universal Transceiver



Uplink's DigiCell 1500 is a cellular unit designed to signal the central monitoring station even if telephone lines have been cut or damaged. Because the transceiver auto-acquires the network, connection is automatic upon installation. Typically used for residential and small business security, DigiCell 1500 transmits alarms in

less than one second, much faster than the typical phone call to the Central Station.

Component	Specifications
Inputs	<ul style="list-style-type: none"> • 3 voltage tripped inputs <ul style="list-style-type: none"> > One (1) input provides (through switch selection): <ul style="list-style-type: none"> - Pulse Counter, that reports every 24 hours or reads and resets count on demand - Bell Trip input - Siren Trip input - Standard voltage trip input
Outputs	<ul style="list-style-type: none"> • One (1) Output (Through Switch Selection) <ul style="list-style-type: none"> > Dry contact relay > Local trouble or Web control
Physical/Electrical	<ul style="list-style-type: none"> • 12 VDC • 70 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
CellemetryXG Transceiver Specifications	<ul style="list-style-type: none"> • FCC certified CellemetryXG Data Service radio • 5v 1.2W transmitter • Receiver sensitivity to -115dBm • Relative signal strength indicator LED
Antenna	<ul style="list-style-type: none"> • 824-896 MHz • Standard 1/4 wave unity gain • Optional 3 dBm low profile, 5dB Omni-directional Mag Mount and 9dB directional Yagi



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DigiCell® 1650 Full Data Transceiver



Uplink's DigiCell 1650 is a digital cellular communicator designed to provide full data transmission from virtually any alarm panel. The unit has full data capability and can capture Contact ID or Radionics modem formatted events. Housed in a steel enclosure, the DigiCell 1650 has an integrated power supply and phone monitor.

Component	Specifications
Inputs	<ul style="list-style-type: none"> • One supervised input
Outputs	<ul style="list-style-type: none"> • One (1) trouble voltage output
System Contents	<ul style="list-style-type: none"> • DigiCell Transceiver • Alarm Panel Interface Board • Telephone Line Monitor • Integrated Power Supply • Steel Enclosure
Status LEDs	<ul style="list-style-type: none"> • Seven (7) status LEDs • Two modes - Signal Strength Mode and Normal Operating Mode
Physical/Electrical	<ul style="list-style-type: none"> • 16.5 VAC, 40 VA Input • 2A Peak Current • Dimensions: 11 1/8 x 11 1/8 x 3 1/2
CellemetryXG Transceiver Specifications	<ul style="list-style-type: none"> • FCC certified CellemetryXG Data Service radio • 5v 1.2W transmitter • Receiver sensitivity to -115dBm
Antenna	<ul style="list-style-type: none"> • 824-896 MHz, standard 1/4 wave unity gain • Optional 3 dBm low profile, 5dB Omni-directional Mag Mount and 9dB directional Yagi

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EV-501 Wireless Event Monitoring Transceiver



The EV-501 is a self-contained, pre-wired, assembled, packaged unit designed to monitor virtually any critical event condition in any setting, including access control, agricultural pumps, compressors and irrigation systems, antenna towers, building automation/facilities management, chemical processing facilities, construction sites and equipment, generators, oil well equipment, radio transmitters, and refrigeration. Utilizing the

CellemetryXG network, the EV-501 monitors and reports on high and low temperature exceptions, AC power, DC power, and additional optional remote devices.

Component	Specifications
Inputs	<ul style="list-style-type: none"> • Five (5) Inputs <ul style="list-style-type: none"> > One (1) input provides (through switch selection): <ul style="list-style-type: none"> - Pulse Counter, that reports every 24 hours or reads and resets count on demand > Four (4) Inputs Provide: <ul style="list-style-type: none"> - Contact Closure - Voltage Closure - Open Collector • Allows for additional sensor input and remote control devices to be added in order to send 5 user-definable inputs and two internal signals.
Outputs	<ul style="list-style-type: none"> • One (1) Voltage Trigger Output
LCD	<ul style="list-style-type: none"> • Front panel mounted programmable electronic LCD
Temperature Sensor	<ul style="list-style-type: none"> • high/lo temperature output • 12vdc operation
Physical/Electrical	<ul style="list-style-type: none"> • Power supply with built-in AC monitor • Transformer: 120v 60 Hz input, 16.5 AC 40 VA output • Battery: lead acid 7 amp hour 12vdc • Steel Enclosure: , wall mountable, hinged cover/door • Dimensions: 11 " x 11 " x 3 1/2 "
CellemetryXG Transceiver Specifications	<ul style="list-style-type: none"> • Full three (3) watt Cellemetry Transceiver
Antenna	<ul style="list-style-type: none"> • 5dbi magnetic mount, 12.5" high with 12 ft cord.

Uplink hardware accessories include the Low-Profile ATM Antenna, the Mag-Mount Antenna, and the Yagi Directional Antenna. Numerex also provides integrated transceivers for leading security panel manufacturers, including GE Caddx, DSC, and IST Europlex. For details contact your panel manufacturer.