

Messenger XL-70 - Remote Monitoring System

Because the XL-70 is the most efficient and easiest-to-use remote site monitoring and management system available, Vendor Managed Inventory, or VMI, has never been so reliable.

- Fastest remote monitoring system available
- Programmable dial-out phone numbers
- Communicates in data, voice, and fax modes
- Audible & visual alarm capabilities
- Compatible with a wide range of sensors



Messenger XL-70

Say goodbye to unnecessary delivery runs, wasteful haul-backs, and splitloads. With the XL-70, you can minimize customer inventory, reduce lead-time, and eliminate costly run-outs.

Featuring a convenient LCD display and keypad, the XL-70 is the most effective telemetry system available. It's also the most powerful — a remote monitor, an auto-dialer, a communications engine, a status reporter,

a programmable controller, a data logger — and more. Housed in a compact NEMA-4X weatherproof casing, the XL-70 can be used wherever it's needed — indoors or outdoors, no matter how damp or dusty the environment.

Adding the power of digital technology to programmable voice, the XL-70 defines total cost of ownership by automatic, on-line system upgrades, allowing you to make necessary changes as needed without additional hardware or installation costs; it provides new dimensions to data logging capabilities; and it introduces practical, meaningful report scheduling.

The result: The easiest, most powerful telemetry product to prove its self as a "monitoring and management system." Offered exclusively from Gems Remote Monitoring.

Messenger XL-70 RMU Specifications

Inputs

- 4 General purpose inputs (4-20 mA, Dry Contacts)
- Expandable to 32 inputs

Outputs

- 2 outputs – solid state relay, 100 mA current carrying capacity, 30 volts max.

Local Operator Interface

- 2x16-Character operator display LCD
- Multi-function push-buttons
- View and modify selected parameters

Serial Port

- RS232 for local access
- RS485 for input expansion

Communication

- POTS voice, data, fax and pager capabilities

Memory and Data Logging

- Firmware update capability via modem or RS232
- 512K flash memory
- Data logging capability 512K with adjustable inputs

Alarm Processing

- Pre- and post-alarm event data/information
- 8-phone number dial-out
- Auto-alarm dial-out
- High- and low-response time, rate of change

Modem

- 33.6 kbps

Power Supply System

- 110 vac (with battery back-up)
- 2-year battery life (based on one update per day)

Enclosure

- NEMA 3R Standard
- NEMA 4X Optional

Field Programmability via RS-232

- Alarm set points
- Dial-out phone numbers
- Input configuration
- Output control

Internal Diagnostics

- Loss of AC

Report Scheduler

- Automatically initiate phone calls to report all monitored conditions in voice, data, or fax modes

The Messenger XL-70 Remote Monitoring System. The power behind successful Vendor Managed Inventory.

The Messenger XL-70 Remote Monitoring System is designed to track and report on conditions at multiple remote, unattended, or inaccessible locations, giving you and your vendors vital inventory supply information. Features include:

- Universal communications capabilities
- Advanced voice management features
- An internal 33.6 kbps modem
- Increased data logging capability
- Automatic report scheduler
- On-line software upgrades
- Weatherproof control unit with keypad and LCD display

Programmable Voice

- Combine high-quality pre-recorded phrases with your own recordings
- Record up to 17 custom voice phrases using an easy 3-step process
- Upload new voice messages over a phone line
- Record directly on to your PC

Data, Voice and Fax Modes

- Review inputs and outputs, control outputs, and reconfigure remotely via PC or standard or cellular phone
- Send data to alphanumeric pagers and fax machines
- Perform diagnostics from your PC

Expanded Data Logging Capabilities

- Continuously track performance at multiple remote sites
- Record a minimum of 10,000 time/date-stamped events
- Transfer data for scheduling preventive maintenance or analyzing equipment problems

LCD display and keypad

- Query unit and display information
- Easy to use 4-button keypad

Product Certifications

- Product Safety

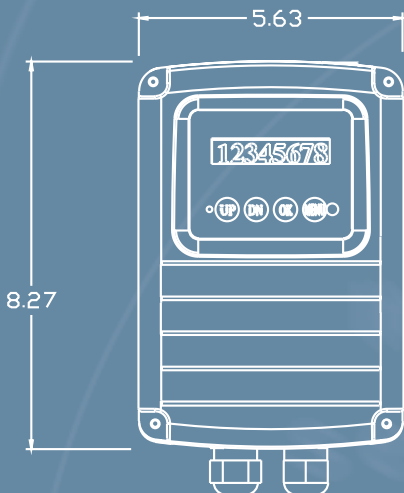
- MET NRTL Mark tested to UL3111-1 (electrical, measuring and test equipment)
- CSA C2.22
- EN61010-1

- EMC Directive: EN61326

- IEC 61000
- FCC Part 15
- Industry Canada ICES-003

- Telecommunications

- FCC Part 68
- CE Mark CTR21
- Industry Canada CS-03



Need More Info?

Call 1-800-232-6237 or visit us on the web at www.gemsremotemonitoring.com



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