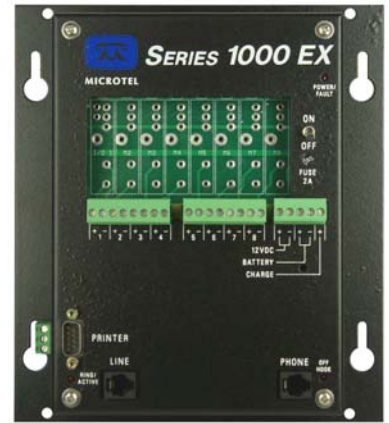




SERIES 1000 EX

The Microtel Series 1000EX remote monitoring solution is the ultimate in dialing notification and alarm systems. Offering the user many features, Microtel's Series 1000EX is a versatile, state of the art dialer that can be configured in any number of ways to meet the most simple or highly complex technological needs of the user.

- Voice, Fax, Computer or Pager Notification
- "Real Voice" Digitized Speech
- 100% Modular Digital or Analog
- Input/Output Configuration
- Standard or Cellular Telephone Connection
- 3 Year Parts & Service Warranty



Panel Mount

FEATURES

● Expandable to 40 Channels w/ User-Selectable Modules for I/O Configuration

Users can specify a plug-in module for each individually-monitored channel; digital or analog I/O channels; variable voltage and current options allow for factory configured dialer that interfaces with most existing fields instrumentation and eliminates expensive instrument replacement and calibration

● Convenient Local/Remote Programmability

Programmable locally via touch-tone phone and laptop computer; remotely by touch-tone phone; or configure for use with a cellular phone; local printer port logs all system events

● Communications Compatibility

Each I/O channel has an independent telephone list from a master telephone directory; direct telephone or cellular communications to fax or answering machines, digital or voice radio pagers or to a computer

● Call Progress Decoding

Full-function call progress decoding allows system to detect and react to a dial tone, paging queues, human voice, busy and no answer; invaluable when configuring the system to call pagers, PA systems, answering and fax machines

● Sturdy Panel Mount or NEMA 12 Enclosure

Multiple installation options include non-enclosure panel mounting or housing the Microtel Series 1000EX Dialer in a NEMA 12 rated fiberglass enclosure with locking stainless steel hardware and gaskets

● Cellular Phone Options

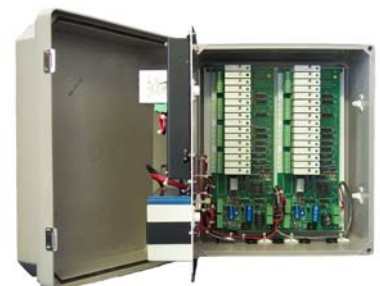
Can be configured in a NEMA 4x enclosure as a Cellular or Cellular Ready System. Configured as a Cellular System the S1000 connects to Dock-n-Talk & Cellular Phone, as required by customers cellular provider. In a Cellular Ready configuration customer must provide a Dock-n-Talk compatible Bluetooth Cellular phone



NEMA 12



NEMA 4X



40 Input NEMA 12

MICROTEL

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SERIES 1000 EX

TECHNICAL SPECIFICATIONS

Environmental

Temperature	20 to 130 F
Humidity	0 to 95% non-condensing
Surge	2500V per ANSI C-37-90A-1974, common and differential mode

Electrical

Power Requirements	120VAC, 60Hz, 38 Watts UL & CSA listed power supply
Fault Sensing Current	5mA per channel
Run Time Inputs	00:00:00 (DD:HH:MM:)
Totalizer - Counter	000000 Counts, 1 pps. ch. 1-7, 50 pps. ch. 8, 1 pps. ch. 10-41
Battery Back-up	24 hours typical
Power Outage Detection Time	1-5999 seconds

Physical

Dimensions	15.50" H x 12.76" W x 8.26" D
Weight	32 lbs.
Mounting Method	Flange mount, 4 points
Enclosure	NEMA 4X

Telephone System

FCC Registered for direct interconnect	FCC Registration Number 1QEUSA-21532-AL-E
Dialing Capacity	32 phone numbers, 9 numbers each channel, 60 digits each
Dialing Format	Pulse of tone
Answer Delay	Programmable, 1 to 99 rings
Acknowledge Intercall Delay	1 minute to 100 days
Call Acknowledgments Method	Tone or callback auto-acknowledgment
Unacknowledged Intercall Delay	1 to 99 minutes
Call Progress Decoding	Voice, dial tone, busy, ring-back, pager, terminal tone, answer back tone

Operational

Fault Detection Method	Normally open or closed, analog setpoint selectable, programmable
Fault Time Constant	1 to 5999 seconds
Station Identification	6 seconds
Message Selection	3 seconds
Data Retention	Non-volatile memory
Programming	Local/remote touch-tone telephone or computer

System Diagnostics

Audible Indicators	Vocal status of all fault conditions, station identification and acknowledge response
Visual Indicators	Power, fault, local phone off hook, line off-hook, incoming call and call in progress, channel in alarm (if using digital input module), output channel open/closed (if using digital output module)

Options

Assorted NEMA enclosures, power/phone line surge protection

Warranty

3 year Parts & Service

Applications

Remote pump stations, unmanned oil fields, greenhouses, refrigerated storage areas, level control, pressure, temperature, vacuum, leak detection, pH monitoring, fire, equipment malfunction, flow, residual, weight, power unmanned substations, HVAC, computer rooms, fuel storage

*Specifications Subject To Change

Contact Microtel or your nearest authorized representative for more information

Represented by