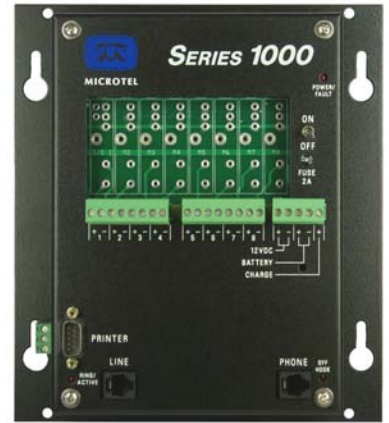




SERIES 1000

The Microtel Series 1000 remote monitoring solution is the ultimate in dialing notification and alarm systems. Offering the user many features, Microtel's Series 1000 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

● 8 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 field 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 serial 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, NEMA 12 or NEMA 4X Enclosure

Multiple installation options include non-enclosure panel mounting or housing the Microtel Series 1000 Dialer in a NEMA 12 or NEMA 4X 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

● MicroWin 2000 Software

With Microtel's MicroWin 2000 software, edit the dialer's configuration and view, store or print status information while on or off-line. It's the newest and easiest way to communicate with a Microtel Series 1000 dialer



NEMA 12



NEMA 4X



Cellular NEMA 4X



Remote Lighting Controller NEMA 4X

MICROTEL

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SERIES 1000

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, 60 Hz, 20 Watts
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
Battery Back-up	6 hours typical 24 hours available
Power Outage Detection Time	1-5999 seconds

Physical

Dimensions	8.8" H x 7.7" W x 4" D Panel mount 11.45" H x 8.76" W x 6.99" D Enclosure NEMA 12
Weight	Panel mount 4 lbs. NEMA 12 10 lbs. NEMA 4X 22 lbs.
Mounting Method	Flange mount, 4 points
Enclosure	NEMA 12 or NEMA 4X

Telephone System

FCC Registered for direct interconnect	FCC Registration Number 1QEUSA-21532-AL-E
Dialing Capacity	9 numbers, 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

Options

Assorted NEMA enclosures, power/phone line surge protection, MicroWIN 2000

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,

*Specifications Subject To Change

Contact Microtel or your nearest authorized representative for more information

Represented by