

The WaterTek Guardian Auto-Dialer from WMT



WaterTek Guardian monitors up to 4 analog or digital input channels and call 8 preprogrammed phone numbers over a standard telephone line to provide alarm information in the form of a digitally recorded voice message.

Alarm calls can be made to any standard phone, pager, cell phone, and voice mail. Users can call in for a status report from any remote touch-tone phone. Guardian is field programmable at the control panel.



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The WaterTek Guardian

SPECIFICATIONS

Electrical Power Requirements:

User supplied 10-14 VDC, 500 mA max.

Power Consumption

200 mA minimum standby

500 mA maximum active

Power Failure

Automatic Alarm for external power failure.

Battery Charging

Precision voltage controlled, automatic rapid recharge after drain.

Universal Signal Inputs

Digital Inputs; open contacts see 5VDC, closed contacts see 5 mA DC

Analog Inputs; 4-20 mA, single ended. Maximum voltage drop 10 VDC.

Resolution: 0.2%; absolute accuracy 0.5%

Local Alarm Relay

Transistor output for TLL or relay drive (500 mA 24 VDC max) activated during unacknowledged alarm.

RJ 11 Telephone line jack for connection to public telephone network.

Physical Surge Protection

Solid state protection on phone, power, and signal lines.

Enclosure

Single circuit card in durable steel cabinet designed for mounting on control panel wall or flush mounted inside a larger enclosure with faceplate visible.

Weight: 4 pounds 6 ounces with battery.

Dimensions: 6.85" H x 8.85" W x 2.85" D

Mounting Centers: 3.6" H x 9" W

Environmental

Temperature range: 20 to 130 F.

Humidity: 0 to 95%, noncondensing.



Telephone

Rotary pulse or tone dialing. Dials up to 8 different numbers, each up to 60 digits long. Time between alarm and phone calls programmable 0.1 to 99.9 minutes. Smart calling call progress monitoring detects dial tone, basic ringback and busy signal. Alarm acknowledgement by touch tone key or callback.

Compatible with most pager, cellular, and voicemail systems.

User-furnished standard touch tone handset required for programming

FCC registered.

Programming

Standard phone jack on front panel for programming phone. Voice menu instructions guide programming.

Speech Messages

User digitally records five messages, station ID and four channel alarm messages. High definition digital recordings up to 12 seconds per message. Resident synthesized voice vocabulary for programming guidance.

Factory Options

Power Supply, UL Class 2 120 VAC 50/60 Hz adaptor.

Battery backup, internal 6 volt; 4 AH gel cell provides 20 hours operation during power failure.

NEMA 4X enclosure.

Cellular cellular communication system.

Warranty: Two year parts and labor warranty. See separate warranty card for details.