

INPUT GUARD™ MODELS VM506, VM506-LV**EIGHT CHANNEL INPUT MONITOR AND AUTODIALER****General Description**

The Input Guard is a complete eight channel input monitor and autodialer system in a wall mount enclosure.

The Input Guard comes in two models, the VM506 monitors dry contact inputs and the VM506-LV monitors dry contact inputs and 24V AC/DC inputs.



The Input Guard will call and alert you when an input is in alarm condition.

Features

- Monitor eight inputs
- Monitor line voltage
- Programmable "normal" state and time delay for each input
- Recordable ID messages for each input and recordable unit ID message
- Calls up to four programmable telephone numbers
- Integrated voice chip with voice prompts and spoken menu options
- Pager compatible, leaves call back number on numeric pagers
- Alarm buzzer and relay output
- Rechargeable backup battery (included)

Functional Description**Monitoring**

The Input Guard continuously monitors up to eight inputs and the line voltage via its wall mount transformer.

Remote Status Checking

The Input Guard can be called anytime to check the state of any input and the line voltage.

Emergency Phone Calls

When an input is not in its programmed normal state for longer than its programmed time delay or the line voltage is out for longer than five minutes, the Input Guard will call all programmed phone numbers until contact is made. If contact has not been made after dialing all phone numbers, the Input Guard will wait twenty minutes and then begin calling again. This sequence is repeated until contact is made.

When the Input Guard calls a voice phone number, it will play the recordable unit ID message and the current state of the input that caused the phone call. The Input Guard will then prompt the user to enter the PIN.

If the correct PIN is entered, contact has been made and the Input Guard will stop calling. If Input Guard calls an answering machine or voice mail, the Input Guard will leave the warning message and will continue to call.

When the Input Guard calls a pager number, it will transmit the programmed Local ID Number, any inputs which have caused an alarm, and the line voltage status.

User Programmable Features

Maximum number of programmable callout numbers: 4
 Maximum number of digits for callout numbers: 20
 Maximum number of digits for Local ID/pager callback number: 20
 Length of Unit ID message: 4 seconds
 Length of Input ID messages: 4 seconds
 Range of incoming rings before the Input Guard answers: 1 to 20
 Number of digits in programmable PIN: 4
 Range of time delay for each input before callout is begun: 0 to 999 minutes

Factory Settable Features

Maximum power outage alarm time delay: 900 minutes (default 5 minutes)
 Maximum time delay between notification calls: 900 minutes (default 20 minutes)

Specifications

Inputs:
 VM506 Dry Contact (12VDC 10ma source)
 VM506-LV Dry Contact (12VDC 10ma source)
 Externally Powered (17 - 48 VAC, 6 - 48 VDC)

Outputs:
 Alarm Relay 125VAC 0.5A contacts
 Alarm Buzzer 85 dB

Power Requirements: 120VAC at 50/60 Hz wall mount transformer (included)
 Electrical Connections: 3 Pluggable 8 position terminal blocks
 Material: Flame retardant ABS plastic, 94-5VA
 Dimensions: Enclosure: 8.790" x 4.620" x 2.255"
 Mounting Flange Holes: 8.250" x 3.500"

Ambient Operating Conditions: 32°F to 125°F
 Shipping Weight: 2 lbs
 Agency Compliance: Input Guard FCC Approved and Registered, power supply UL listed

Ordering Information

Option	Part Number Suffix	Description
Controllable Relay	R	The Controllable Relay option allows the user to remotely activate and deactivate the relay over the telephone.
24 Battery Backup	None	Now standard on all units.