

DGM-32 and DGM-64

Features

- 32/64 Zones per panel (EOL) (DGM-32-64-RLY)
- 8, 16, 24, 32 Zones per panel (EOL) (DGM-32-64-RLY)
- Available with up to 64 output relays
- Alarm & Trouble indicators per zone (via LCD display)
- Zone bypass via keypad
- 2 x 16 Character LCD display illuminated
- Reports alarms, trouble, secure, bypass, low battery, tamper, AC fail, ground fault
- Barrier strips “pop out” for easy service
- AC or DC power; tamper switch
- Built-in battery charger & watchdog timer
- Compatible with all digitize DGM models
- Supervised communications link
- Electronics on hinged inner door
- Complies with NFPA 72, ETL listed
- In circuit programmable from System 3505 Prism LX™
- Form C relay can be turned On/OFF or Momentary w/ relay control option on the System 3505
- Set-up mode down-loadable from System 3505 Prism LX™
- Built-in lightning protection on all zone inputs



Product Information

The DGM-32/64 is a data gathering module (DGM) that monitors dry contacts. The units communicate with the System 3505 Prism LX™ head-end via dedicated cable pair. One pair of wires is capable of monitoring multiple panels. In turn, each DGM panel monitors 32 or 64 end-of-line resistor alarm inputs. The System 3505 Prism LX™ polls the DGM panel for any change in status; any status change is passed to the head end. Additionally, the DGM panels hold the changes in memory—even after a condition clears. Supervised inputs report any break in the circuit as a Trouble condition by zone.

The DGM-32/64 is suitable for an installation that will begin with (or expand later to) 64 end-of-line resistor alarm inputs *with or without* relay control systems.

All models are housed in steel enclosures with step-down transformer, tamper switch, CAM lock, data-link interface, LCD display, keypad, 60-hour standby battery, and built-in battery charger. Each zone can be bypassed by using the internal keypad. Any zone that is out of service reports its status to the head end equipment.

All panels are normally powered by 117 VAC through the internal step-down transformer (12VDC backup). Loss of AC power for more than 15 seconds will be reported to the System 3505 Prism LX™ for display. That length of time can be changed by the user to any value between 1-90 seconds. Should the battery voltage drop below a preset level, a “Low Battery” condition will be reported for display. In normal operation, the DGM internal charger will keep the standby battery at full charge. Should a loss of power occur, all panels are capable of switching from AC to battery power without interruption in service.



DGM- 32 Panel

SPECIFICATIONS

Enclosure:

Steel enclosure with door and CAM lock. Available in red or brown. The DGM-32-MX-RLY is available in red only.

Dimensions:

DGM-32 and DGM-64: 24.5 in. H x 5.06 in. W x 12.35 in.

Power:

117 VAC 50/60 Hertz

Battery:

12VDC Battery backup, 12 AH

Input Zones:

32/64 Zones, EOL resistor (4.7K)

Communications Method:

Isolated RS-422/485, audio modem, RS-232, Fiber Optics, Hi-Level Style 7 repeater, Ethernet.

Optional radio polling (refer to cut sheet 750214).

Operating Temperature:

-40° to + 60°C



View inside DGM-64 with Brown enclosure.

ORDERING INFORMATON		
RS-485	DGM-32 (red) 425113-0011	(brn) 425113-0017
	DGM-64 (red) 425116-1011	(brn) 425116-0017
Fiber	DGM-32 (red) 425113-2011	(brn) 425113-2017
	DGM-64 (red) 425116-2011	(brn) 425116-2017
Audio Modem	DGM-32 (red) 425113-3011	(brn) 425113-3017
	DGM-64 (red) 425113-3011	(brn) 425116-3017
Ethernet	DGM-32 (red) 425113-5011	Not available
	DGM-64 (red) 425116-4011	Not available