

DGM-32/64-RF, DGM-32MX-RLY-RF, DGM-32/64-RLY-RF, DGM-32M-RF RADIO POLLING

FEATURES

- 32/64 Zones per panel (EOL) (DGM-32/64)
- 8, 16, 24 Zones per panel (EOL) (DGM-32-8, DGM 32-16, DGM 32-64)
- 8/16/24/32 Zones per panel (EOL) (DGM-32MX)
- 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
- 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, UL listed, FM approved
- In circuit programmable from System 3505
- Form C relay can be turned On/OFF or Momentary w/ relay control option on the System 3505
- Set-up mod down-loadable from System 3505
- Built-in lightning protection on all zone inputs
- 1-16 optional external keypads for Arm/Disarm

PRODUCT DESCRIPTION

The DGM-32/64-RF Series includes data gathering modules (DGMs) that monitor dry contacts. The units communicate with the System 3505 head-end via polling radio, as indicated by the suffix -RF. The System 3505 polls the DGM panels for any change in status, which is then passed to the head end. In addition to reporting all status changes to the System 3505, 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-RF is suitable for an installation that will start out at, or possibly expand later to, 64 end-of-line resistor alarm inputs *without* relay control requirements.

The DGM-32M-RF (M=8, 16 or 24) is suitable for an installation that will start out at 8, 16 or 24 and (or possibly or expand later to) 64 end-of-line resistor alarm inputs *without* relay control requirements. Order this panel according to how many zones are initially desired: DGM-32-8RF, DGM 32-16-RF, etc.

The DGM-32/64-RLY-RF is suitable for an installation that will start out at (or later expand to) 64 end-of-line resistor alarm inputs *with* relay control requirements that can be purchased separately. The -RLY suffix indicates that the DGM can be equipped with relay control initially or in the future.

The DGM-32-MX-RLY-RF is suitable for installations that will not exceed 32 input zones relay control. Zones in the DGM-32-MX-RLY-RF may be ordered in increments of eight (X=8, 16, 24 and 32), and can later be upgraded to include up to 32 zones. Order this panel model according to how many zones are desired initially.

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 thin internal step-down transformer (12VDC backup). Loss of AC power for more than 15 seconds will be reported to the System 3505 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.

External keypads allow optional delayed entry arm/disarm. Up to sixteen keypads per panel can be connected via four-wire hookup with power provided by the individual DGM panel. NFPA-72 compliant.



