

DGM-32M

Features

- 8/16/24 zones per panel, EOL (DGM 32-8, DGM 32-16, DGM 32-34)
- Alarm & trouble indicators per zone via LCD display
- Zone bypass via keypad
- 2 x 16 Character LCD display (illuminated)
- Reports alarm, trouble, secure bypass, low battery, tamper, AC fail and ground fault
- AC or DC power, tamper switch
- Form C relay can be turned On, Off, or Momentary with relay control option on the System 3505
- Built-in lightning protection on all zone inputs
- In circuit programmable
- Barrier Strips "pop out" for easy service
- Setup mode down loadable from System 3505
- Built-in battery charger & watchdog timer
- Compatible with all Digitize DGM models
- Electronics on hinged inner door
- Complies with NFPA 72 standards
- In circuit programmable

Product Description

The DGM-32M Series includes data gathering modules that monitor dry contacts. The unit communicates with the System 3505 head-end via a dedicated cable pair. The System 3505 polls all DGM panels for any change in status, which are then passed to the head-end. All status changes are held in memory by the DGM, even if the condition clears. Inputs are supervised so that any break in the input circuit will cause a "Trouble" condition to be reported by the zone.

The DGM-32M is suitable for an installation that will begin at 8, 16, or 24 and possibly expand later to 32 End-of-Line resistor alarm inputs *without* relay control requirements. Order this panel according to how many zones are desired initially: DGM-32-8, DGM 32-16, etc.

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

All DGM panels are normally powered by 117 VAC through the internal step-down transformer and use a 12VDC as backup (when AC is the main source). Loss of AC power for more than 15 seconds is reported to the System 3505 for display. The length of time before a loss of power is reported to the system can be set by the user for any value between 1 and 90 seconds. Should the battery voltage drop before a preset level, a "Low Battery" condition will be reported for display. In normal operation, the DGMs internal charger will keep the standby battery at full charge. Should a loss of power occur, all DGM panels are capable of switching from AC to battery power. The DGM-32M switches from AC to battery power without service interruption.



SPECIFICATIONS

Enclosure

Steel enclosure with door and cam lock

Dimensions

15 ¹/₈"H x 4 ¹/₈"D x 13 ¹/₂"W

Power

117VAC 50/60 Hertz

Battery

12VDC Battery backup (7AH standard)

Input Zones

8 Zones, end-of-line resistor (4.7K)

Communication Style

RS-422/485 Style 3/6, audio modem, isolated RS 422/485, RS-232, fiber optic, High-level Style 7

Operating Temperature

-40°C to +60°C

Optional Lightning Protection Board

P/N 400471-0002

Ordering Information

DGM Panel	Communication	Red	Brown
DGM-32-8	RS-485	425113-0111	425113-0117
DGM-32-8	Fiber	425113-2111	425113-2117
DGM-32-8	Audio	425113-3111	425113-3117
DGM-32-16	RS-485	425113-0211	425113-0217
DGM-32-16	Fiber	425113-2211	425113-2217
DGM-32-16	Audio	425113-3211	425113-3217
DGM-32-24	RS-485	425113-0311	425113-0317
DGM-32-24	Fiber	425113-2311	425113-2317
DGM-32-24	Audio	425113-3311	425113-3317