

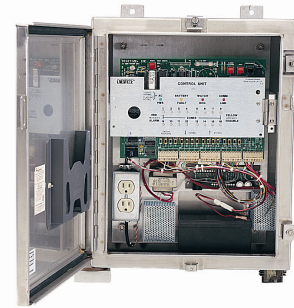
DGM-8 RF-4X-HTR

Features

- Eight zones per panel, EOL
- Alarm & trouble indicators per zone
- Zone bypass switches
- Tamper Switches
- RF communication 2/4/5 Watts
- Lightning protection
- Reports alarm, trouble, secure, bypass, low battery, tamper, AC fail
- Barrier Strips "pop out" for easy service
- AC or DC power
- Available with Fiber, Audio, RS-232, & RS-485 style communications
- Built-in battery charger & watchdog timer
- Compatible with all Digitize DGM models
- Supervised communications link
- Electronics on hinged inner door
- Complies with NFPA 72
- UHF & VHF ranges
- In circuit programmable
- Optional NEMA 3R enclosure with corrosion inhibitor
- 8-zone lightning/surge protection board
- Built-in heaters fro outdoor mounting
- NEMA 4X stainless steel enclosure, stainless steel door clamp assembly, & in-place gasket assure water tight seal
- Hasp and staple for padlocking

Description

The DGM-8-RF-4X-HTR is a data gathering module that monitors 8 end-of-line resistor alarm inputs. The unit communicates with the System 3505 head-end via a dedicated polling radio. The System 3505 polls the DGM panel for any change in status. 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 panel monitors 8 end-of-line resistor alarm inputs per DGM panel. Information is passed to the 3505 by a polling technique.

The DGM-8-RF-4X-HTR is housed in a stainless steel enclosure and comes with a step-down transformer, tamper switch, CAM lock, data link interface, 60 hour standby battery and built in charger and a built-in heater with thermostat to ensure optimum performance during extreme low temperature conditions. Eight alarms and eight trouble LEDs show zone status. Each zone has a built-in bypass switch for taking a zone out of service. Out-of-service zones report their condition to the head-end equipment.

The DGM-8-RF-4X-HTR is normally powered by 117 VAC through the internal step-down transformer and uses 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 DGM internal charger will keep the standby battery at full charge. The DGM-8-RF-4X-HTR switches from AC to battery power without interruption in service.

SPECIFICATIONS

Enclosure
NEMA Stainless steel enclosure with door

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

Dimensions
20"H x 6"D x 16"W

Antenna Connector
BNC, male, 50 Ohms

Power
117VAC 50/60 Hertz

Transceiver
Motorola RNET Series, Telemetry Radio

Battery
12VDC Battery backup (13AH standard)

FCC ID
AZ489FT4774

Operating Frequency & Power Out
136-174Mhz: 2/5 Watts 403-470Mhz: 2/4 Watts

Operating Temperature
-40°C to +60°C

