DF104

FlexZone-4 processor in NEMA aluminum enclosure

The FlexZone processor (DF104) gives advanced warning of unwanted intrusions at the perimeter and is easily installed on most fences by attaching its lightweight sensor cable to the fence fabric with cable ties. The DF104 processor provides up to 4 independent zones of detection and comes in an outdoor rated enclosure, which can be easily post mounted or fixed to any convenient supporting surface.

Each FlexZone processor provides connection for two sensor cables that can be up to 600 m long and act independently to provide two distinct detection zones.
All configuration and detection parameters for each zone are set using the Windows-based Universal Configuration Module software (DF950-CM).

FlexZone processors can communicate alarm and system status by relay outputs or optionally over a data communication network to a remote security management system. Unilke a block sensor, where all events are aggregated together along the entire zone length (including ones caused by distributed environmental conditions), FlexZone divides the events into precise, localized areas, thus maximizing the probability of detection while reducing nuisance alarms.



Details

- Sensor processing capability up to 600 m of active sensor cable
- Adaptive Algorithms virtually eliminate environmental nuisance alarms
- Configurable with laptop PC via direct USB connection or over the sensor network
- Built in audio module
- Detection parameters can be set and optimized independently for each zone
- Built in relays; optional network communication cards
- IP66, NEMA Type 4X enclosure

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Technical specifications

General

Category	PlexPI Microphonic Cable detection
Product type	FlexPI Control unit

Electrical

Power supply value	12 to 60 VDC
Current consumption	2 W nominal; 2.5 W nominal with network interface card

Physical

Physical dimensions	316 x 186 x 90 mm
Net weight	1.2 kg
Material	Aluminium

Environmental

Operating temperature	-40 to +70°C
Relative humidity	100% condensing
IP rating	IP66

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