



Product Data Sheet

DF951

Single / dual Zone FlexPS processor in outdoor resistant enclosure, 12-48 VDC

FlexPS processor (DF951) 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 DF951 processor comes in an outdoor rated enclosure, which can be easily post mounted or fixed to any convenient supporting surface.

Each FlexPS processor provides connection for two sensor cables that can be up to 300 m (984 ft.) 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).

FlexPS processors can communicate alarm and system status by relay outputs or optionally over a data communications network to a remote security management system.



Standard Features

- Sensor processing capability for two independent zones, each with up to 300 m (984 ft.) 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
- Compatible with existing Itelli-Flex® installations
- Detection parameters can be set and optimized independently for each zone
- Built in relays; optional network communication cards
- IP66 / NEMA 4 Enclosure

DF951

Single / dual Zone FlexPS processor in outdoor resistant enclosure, 12-48 VDC

Specifications

Power input	12 to 48 VDC
Current consumption	0.5 W nominal; 1 W nominal with network interface card
Battery backup provisions:	Input for 6 VDC battery (to be ordered separately)
	Enclosure includes battery mounting provisions
Enclosure	IP66 / NEMA 4 painted aluminum, outdoor rated
Maximum sensor cable length	300 m (984 ft.) max; zone length app. 10% less @ 270 m (886 ft.)
Maximum lead-in cable length	150 m (492 ft.) max. based on 300 m of sensor cable; lead-in cable length can be increased by decreasing the sensor cable length the same amount
Operating temperature	-40 to +70°C
Relative humidity	0 to 95%, non-condensing
Controls	calibration adjustments via the Universal Configuration Module (Windows-based software application)
	Two character LED alphanumeric display with programming via membrane tactile switches.
Inputs	2 sensor cable inputs (1 per zone)
	2 voltage sensing auxiliary device/self-test/audio activation inputs
Outputs	4 form C relay outputs 30 VDC @ 1 A maximum, noninductive load user-configurable relay response
	high impedance audio output
Dimensions	
PCB	13.2 x 14.5 cm (5.25 x 5.75 in.)
Box	26 cm (+2.5 for cable glands) x 16 cm x 9 cm 10.25 in. (+1 for cable glands) x 6.3 in. x 3.5 in.
Weight	2993.7 gr.

Ordering Information

Part No.	Description
DF951	Single / dual Zone FlexPS processor in outdoor resistant enclosure, 12-48 VDC
DF957	FlexPS Spare processor PCB
DF950-CM	Universal Configuration Module (UCM) Software kit with interface cable
DF861	FlexPS enclosure pole-mounting kit
MRW03	Pair of inox poles 120cm
DF851	Outdoor microphonic sensor cable for FlexPS and FlexPI, 300m
DF852	Non-sensitive lead-in cable for microphonic sensor cable, 30m roll
DF860	Plastic Tiewrap for Microphonic cable - 1000 Pcs
DF863	Splice and Terminator Kit for microphonic cable (DF851)
DF853	Armour vandal resistant cable - 100 m
DF868	Weather proof junction box for Armour-FLEX cable splices and terminations
DF962	Quick disconnect gate assembly kit
DF963	Gate bypass module, locally activated by keyswitch
DF964	Gate bypass module, remotely activated by computer control
DF955-C1	Multi-mode fiber optic (MMFO) comm card for fence protection network option for FlexPS processor
DF955-C2	EIA-422 copper comm card for fence protection network option for FlexPS processor
DF955-SW	Network Manager software for fence protection (CD)
DF955-U	Fence protection Network Interface Unit
KTP-12DCU-UK	Switching Power Supply 1A 12 VDC with European and UK cords

