



## SYSTEM 7000

### Wire-Free

#### On-site security fire and plant monitoring

- 256 Zone Capacity
- 1000 Event Historical Log
- 1000 Event Incident Log
- 4 X 20 LCD Display
- Signal Blocking Detection
- Aerial Tamper Detection
- Operates via Hand-Pushes, Money Clips or Contact Operated Transmitters
- Typical device range in excess of 250 metres
- RS485 and RS232 serial communications with Hard-Wired P.A. Collectors and EMS On-Site Message Paging Systems



# System 7000

## Overview

The 7941 eight input contact operated UHF transmitter is an addition to the EMS range of radio communication equipment. The transmitter is a high powered device capable of transmitting either Full alarm, Local alarm, Tamper alarm, Battery low and Remote reset information from each of its eight on board contacts to the EMS UHF receivers, 7255 and 7703 series. The transmitters inputs are opto isolated and programmable for normally open or normally closed operation. The unit can be pre-programmed to project requirements at the time of manufacture or alternatively this can be carried out on site via a psion or computer using a terminal programme.

The development has been driven by the success of the 7940 contact operated transmitter with the introduction of eight programmable inputs and additional alarm transmissions the 7941 transmitters has further extended the range of applications.

Typical applications include the monitoring of remotely sited intruder / fire panels and plant monitoring in high risk environments, where each of the transmitters eight input activation's can be easily identified by allocating a text description for each. This is further enhanced when linked with the EMS pager system which allows clear and precise details relating to a location and type of alarm or other programmed data to be relayed to onsite message pager receivers instantly. Therefore allowing all site activation's to be continually monitored, centrally or remotely.

The product has been used extensively to communicate remote building systems by radio to central receivers, which can identify each activation with a text description usually the alarm description followed by the buildings location, when used in conjunction with the 7256 receiver. A total of 252 individually identifiable inputs can be used on the 7256 system and a maximum of 48 inputs can be allocated when used with the 7703 receiver range

## Specification

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### 7941

<b>PHYSICAL:</b>	<b>DIMENSIONS:</b>	296 x 180 68mm
	<b>WEIGHT:</b>	2.5kg
<b>ENVIROMENT:</b>	<b>TEMPERATURE:</b>	-10 to +55 degrees C
	<b>HUMIDITY:</b>	Up to 75% non-condensing
<b>SUPPLY:</b>	<b>VOLTAGE:</b>	12vdc
	<b>CURRENT:</b>	350mA with back light at 12v supply
<b>OPERATING FREQUENCIES:</b> UHF 458.5 – 459.5 Mhz		
<b>CHANNEL SPACING:</b> 25 kHz(MPT1329)		
<b>INPUTS:</b> 5-12V DC Opto isolated contact inputs		
<b>OUTPUTS:</b> Full alarm transmission Local alarm transmission Tamper alarm transmission Low battery transmission Remote reset transmission Hourly call-in transmission Input reset transmission		

### Ordering Information

7941 Eight way contact operated transmitter

*For the full range of products and part numbers please contact us.*



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