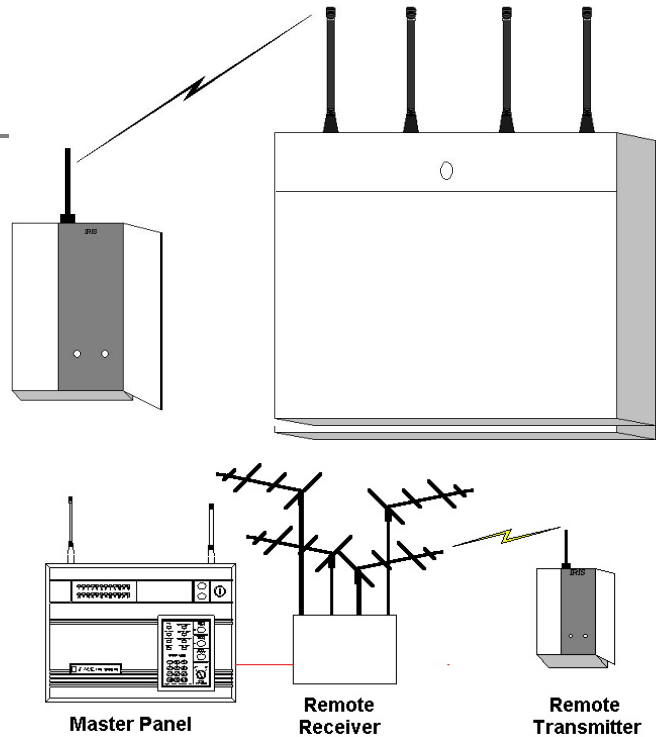




## **LONG RANGE FIRE AND PLANT MONITORING – BY RADIO**

- TYPICAL RANGE IN EXCESS OF 3000 METRES
- EIGHT INDIVIDUAL PROGRAMMABLE CONTACT INPUTS FOR TRANSMITTERS
- COMPATIBLE WITH ALL EMS SYSTEM 5000 CONTROLLERS
- AUTOMATIC HOURLY CALL-IN TRANSMISSIONS TO RECEIVER
- PROGRAMMABLE NORMALLY OPEN/ NORMALLY CLOSED OPTO ISOLATED INPUTS
- PROGRAMMABLE TRANSMITTER IDENT FOR EACH INPUT WITH IN EXCESS OF 1 MILLION CODES
- CONTACT OPERATED FAULT ALARM TRANSMISSIONS
- CONTACT OPERATED LOW BATTERY ALARM TRANSMISSIONS
- CONTACT OPERATED TAMPER ALARM TRANSMISSION
- CONTACT OPERATED MAINS FAIL TRANSMISSION
- SELECTABLE INPUT RESTORED DATA TRANSMISSION



# **5000 FirePoint**

## **Overview**

The 5-7941 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 Fire, Fault, Tamper alarm, Battery low and Mains fail information from each of its eight on board contacts to the EMS UHF receivers for 5000 controllers. 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 pspion or computer using a terminal programme.

The development has been driven by the success of the 7940 and 7941 contact operated security transmitters with eight programmable inputs and additional fire alarm transmissions the 5-7941 transmitters has further extended the range of applications.

Typical applications include the monitoring of remotely sited 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 on-board 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 system 5000 controller. A total of 252 individually identifiable inputs can be used

## Specification

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### **REMOTE RECEIVER**

<b>PHYSICAL:</b>	<b>DIMENSIONS:</b>	500 x 420 x 120mm
	<b>WEIGHT:</b>	21kg
<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>	240vac
<b>OPERATING FREQUENCIES:</b>	UHF 458.5 – 459.5 Mhz	
<b>CHANNEL SPACING:</b>	25 kHz(MPT1329)	

### **5-7941 TRANSMITTER**

<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>	Fire alarm transmission Fault alarm transmission Tamper alarm transmission Low battery transmission Mains fail transmission Hourly call-in transmission Input reset transmission	



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