

Eight Input Half Watt Transmitter *Product Datasheet*

Key Features

- Industry recognised for its robustness and flexibility
- Eight programmable inputs
- Programmable normally open/normally closed opto isolated inputs
- Automatic hourly call-in transmissions to receiver
- Programmable transmitter ident for each input with in excess of 1 million codes
- Contact operated alarm and fault transmissions
- Low battery, tamper and power monitoring
- Selectable input restored data transmissions
- 230Vac operation
- Compatible with the Iris+ wireless receiver



Product Overview

The eight input half watt 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 7256 Iris+ receiver. The transmitter's 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 computer using a terminal programme.

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 activations can be easily identified by allocating individual text descriptions. 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 activations to be continually monitored, centrally or remotely.

The product has been used extensively to communicate remote building systems wirelessly, 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 Iris+ receiver, a total of 256 individually identifiable inputs can be received.

Technical Data



-10 to 55 °C
Up to 75% non-condensing



390(w) x 320(h) x 80(d)mm



5.2kg



230Vac



Max 500mA (*when transmitting*)



8x 5-12Vdc Opto isolated inputs



Full alarm transmission
Local alarm transmission
Tamper alarm transmission
Low battery transmission
Hourly call-in transmission
Input reset transmission



UHF 458.5 - 459.5MHz
25 KHz channel spacing



500mW ERP



7943/P (*eight input half watt transmitter*)
Note: Requires 12V 7Ah backup battery.

iris+