

X-CRYPT 5.8

Professional Wireless Transmission System

Recommended Range : < 1km
(Note:- Requires Direct Line Of Sight)



The new X-Crypt 5.8 is a completely self contained secure analogue mono audio & video wireless transmission system capable of transmitting up to a range of 1Km. Operating in the 5GHz frequency band this system is supplied in an IP65 sealed enclosure with integral high gain directional antennas. 8 User selectable RF channels are available in this licence exempt band. The system also has an in-built alarm trigger taking the alarm output from, e.g. a PIR sensor, and transmitting this alarm event to receiver sounding an internal buzzer (Tx and Rx) and providing a set of isolated relay contacts to drive, e.g. siren, security lights or CCTV recorder. Security against eavesdropping is provided via a 3-bit encryption system.



Main Features

- Operates in the 5.725GHz - 5.875GHz frequency band
- 8 - User Selectable licence exempt RF channels
- +12V DC Output from transmitter to drive camera etc.
- Auto detection of NTSC and PAL inputs
- 20sec alarm trigger for remote sensor/detector operation
- 3 - Bit Encryption for secure communication
- Tx power LED indication of power ON and alarm armed
- Rx power LED indication of power ON and RF Link
- Compliant with ETSI EN 300 440
- Operating temperature -10⁰C to +50⁰C
- Supplied with Pole Mounting Brackets

Ranges of up to 1km metres may be achieved depending on site conditions.
A field trial is necessary on all sites to ensure local conditions are favourable.

VIDEO
&
AUDIO

Transmitter Specification

- Output power 25mw eirp max
- Frequency 5.725GHz - 5.875GHz
- Supply voltage +12V DC
- Current 380mA @ 12V
- Video Input 1V p-p 75 ohms.
- Audio input 2V p-p max into 600ohms.
- Alarm input Volt Free contacts
- Size (mm) 290x260x70
- Weight 1.25kg

Receiver Specification

- Frequency Range 5.725GHz - 5.875GHz
- RF Impedance 50 ohms
- Supply Voltage +12V DC
- Current 250mA @ 12V
- Video Output 1V p-p 75 ohms.
- Audio Output 2v p-p into 600 ohms
- Size (mm) 290x260x70
- Weight 1.25kg