

# HAWK

LONG RANGE RADIO TRANSMITTER



**LONG RANGE**  
VHF RADIO  
TRANSMITTER

**UNIVERSAL**  
CONTACT ID  
INTERFACE

**SERIAL**  
**INTERFACE**  
INTO LEADING  
PANELS

**TAMPER-  
RESISTANT**  
ANTENNA  
INSTALLATION

**REMOTE**  
PANIC  
FUNCTIONS  
(OPTIONAL)

**IT'S SOUND.  
IT'S STEADFAST.**

○○○○○

IT'S YOUR SECURITY  
COMMUNICATION  
SOLUTION.

## LONG RANGE RADIO TRANSMITTER

The all-in-one, multi-panel-compatible **Long Range Radio Transmitter** that saves your business money. The Hawk makes use of the advanced FSK Multi-Router TCP, which is a VHF to GSM repeater and base station that reliably sends security messages to your Control Room. The HAWK features universal Contact ID interface, serial interfacing into leading panels and seven dry contact input triggers.



### **SERIAL INTERFACE //**

Compatible with most Panels through Serial Interface into Rhino, Texecom, Paradox, Pima and IDS Alarm Panels.



### **UNIVERSAL //**

All-in-One HAWK Radio offers Contact ID, Serial Interface and hard wired options to suit any type of installation to simplify your ordering process and reduce in-house stock holding.



### **LONG RANGE //**

Saves your business money – The HAWK can protect larger areas with the 99 Partitions and 999 Zones. That means you spend less on hardware and network fees for larger sites.

**BETTER PRODUCT. BETTER VALUE.  
SAME PRICE.**

## FEATURES

- Contact ID Tip and Ring Telephone interface to all leading control panels.
- Up to 999 zones and 99 partition reporting using the Fast FSK protocol
- 7 Hardwired inputs with positive trip, negative trip or both.
- Input 3 can be programmed to delay an alarm trigger if the panel has siren annunciation for arm/disarm.
- Dedicated AC Supply monitoring input. Programmable fail and restore delays.
- Built-in battery low report with programmable trip time.
- Internal programmable self-test time.
- Serial alarm interface to leading control panels
- Tamper-resistant antenna installation.
- 10W transmitter power.
- No special programming is required for use with an alarm panel sending Ademco Contact ID

## TECHNICAL DATA

### Electrical

#### Power Requirements

13.2V DC Nominal (10 – 15V)

35mA Standby, < 1.6A Transmitter Active

#### Low Voltage Alarm

10.5V



*Product specifications and availability subject to change without notice. Product names mentioned herein may be trade names and/or registered trademarks of other companies. All rights reserved.*

### Transmitter

#### Radio Performance tested to

ETSI 300-086

#### EMI Tested to

ETSI EN 301

#### Safety to

EN 60 950

#### Mode of Operation

FM

#### Channel Spacing

12,5kHz

#### Power Requirements

35mA Standby, < 1.6A Transmitter Active

#### Frequency of Operation

Lowband 135 to 156MHz

Highband 155 to 175MHz

#### Carrier Power

> 8W into 50E

#### Frequency Error

< 1kHz (0 to 55 °C)

#### Spurious Conducted Components

< -36 dBm (9kHz to 1GHz)

< -30 dBm (1GHz to 4GHz)

#### Adjacent Channel Power

< -60dB

#### Frequency Deviation

< 2.5kHz (2kHz standard)

#### Transient Frequency Behaviour

To ETSI 300-086

### Physical

#### Dimensions

107x136x46mm (without antenna)

#### Housing

Plastic with steel insert for RF earthing

#### Packed Weight

300g

#### Packaged Dimensions

161.5 x 140 x 46.5

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