

RF200D

WIRELESS VIDEO TRANSMISSION

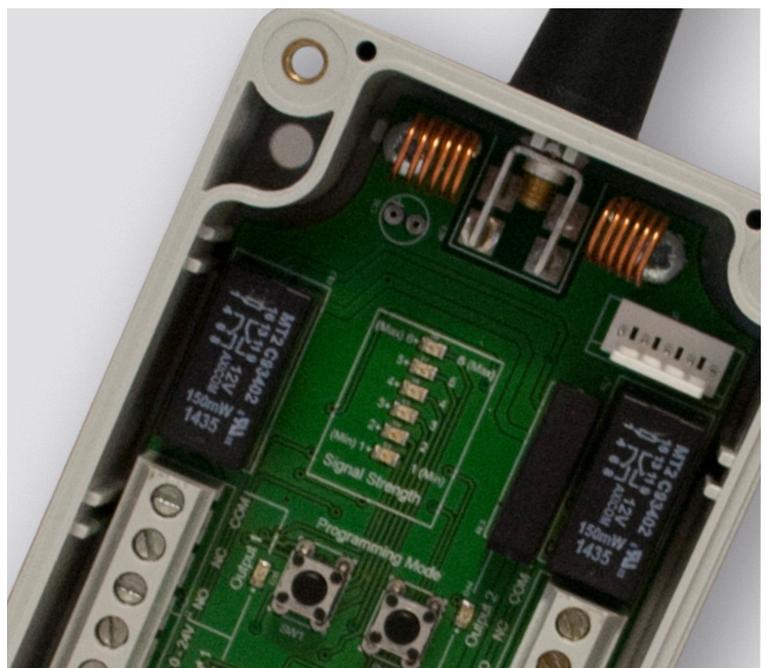
IP65 200m Analogue Wireless RF Data Transceiver



Key Features

- Repeat mode
- 6 RF channels
- Site survey mode
- Easy pairing menu
- Encrypted protocol
- DC10-14V operation
- 433MHz licence free
- Signal strength meter
- 3 x volt free relay outputs
- 2 x analogue / digital Inputs
- RS232 or RS485 data channel
- IP65 (All Weather) rated enclosure
- Momentary, Toggle & Timer outputs
- Genlink, Pelco (D & P) and open protocols
- Timer outputs from 1 second to 30 minutes
- Internal input to output pairing (for timer function)
- Missing status update monitoring (Signal jamming)
- 500m range in ideal conditions (requires line of sight)

The Genie RF200D is a full featured 433MHz wireless interface designed for short range transmissions. The heart of the RF200D is the XE1205 radio transceiver which gives the RF200D full bi-directional communication for it's inputs and outputs. It also supports RS485 data channel and is cased in an IP65 rated enclosure, perfect for indoor and outdoor use.



Specification

Electrical

Operating Voltage	10–14V DC (Max.)
Operating Current (Idle)	25mA (Max.)
Operating Current (All Relays & LED's)	100mA (Max.)
Relays Max. Working Voltage	30V AC/DC
Relay Contact Type	Volt Free
Relay 1 & 2 Max Current	1A
Relay 3 / Tamper Relay Max. Current	1A
Input 1 & 2 Voltage	0 – 12V (12.75V Max)
Input 1 & 2 Resistance	20K Ohms

Data Channel (Only on certain models)

Interface Type	RS232 or RS485
Baud Rate	2400 – 19200
Protocols	Genlink, Open & Pelco P /D

Radio

Operating Frequencies	433.25 – 434.5MHz
Transmit Power	<= 10mW
Radio Data Rate	40 KHz
Deviation	25KHz (SSB)
Bandwidth	114KHz

Others

Case Size without Aerial and Grommet	115 × 65 × 40mm
Overall Size with Aerial and Grommet	305 × 65 × 40mm
Ingress Protection	IP65
Temperature Range	-20 to +55°C
Relative Humidity	95% Non-Condensing

Accessories



RF2-4DP

Dual Base Plate for use with RF200D, RF200V and RF450V (Maximum 1 video and 1 data)



RF200PM

Pole Mount Kit for RF200 and RF450 Range