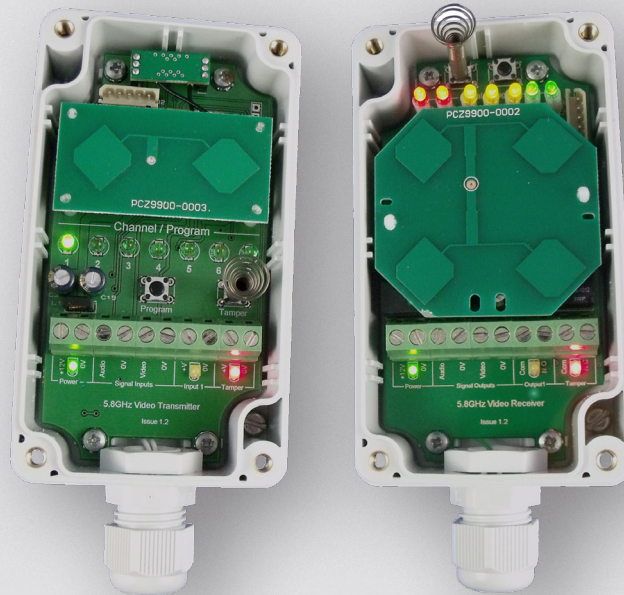# WIRELESS VIDEO TRANSMISSION

IP65 450m Analogue Wireless Video & Audio Link Pair

Key Features

- 5.8GHz
- IP65 rated
- 7 RF channels
- 12 volt operation
- High quality audio & video
- 450m range (Line of site)

- 7 LED signal strength meter (RSSI)
- Digital input for PIR, external switch etc
- Volt free outputs for both tamper and input channels
- Directional antenna on receiver (Reduced interference)

- LED status to monitor transmitter
- Heavy duty receiver wall bracket for X & Y movement
- Tamper monitors case switches, external input & loss of transmitter

The Genie **RF450V** is a high quality 7 channel 5.8GHz audio / video wireless interface.

The kit consists of a transmitter, receiver and wall bracket. Both units are housed in a small IP65 enclosure, so mounting outdoors is possible without the need for additional external water resistant enclosures. The receiver also comes with a mounting bracket providing X & Y movement for alignment purposes. The transmitter and receiver both use a directional patch antenna to reduce external interference. The receiver has a built in 7 bar signal strength meter to obtain the best possible reception during an installation; a very important stage to help guarantee a reliable wireless video link.

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Specification

Electrical

Operating Voltage	11—13V DC (Max)
Operating Current (Transmitter)	160mA (Max)
Operating Current (Receiver)	200mA (Max)
Relays Maximum Working Voltage	30V AC / DC
Relay Contact Type	Volt Free
Relay 1 & 2 Max Current	1A
Input & Tamper Input	12V Active Low

Transmitter

Operating Frequencies	5.740 ~ 5.860GHz
Transmit Power	<= 14dBm
Video Input	1Vpp
Audio Input	1.5Vpp
Audio / Video Modulation	FM—FM

Receiver

Operating Frequencies	5.740 ~ 5.860GHz
RF Input Level	-85 ~ -10dBm
Video Output	1Vpp (50Hz ~ 5.5MHz)
Audio Output	1.5Vpp (50Hz ~ 20KHz)

Others

Case Size without Aerial and Grommet	115 × 65 × 40mm
Ingress Protection	IP65
Temperature Range	-10 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

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