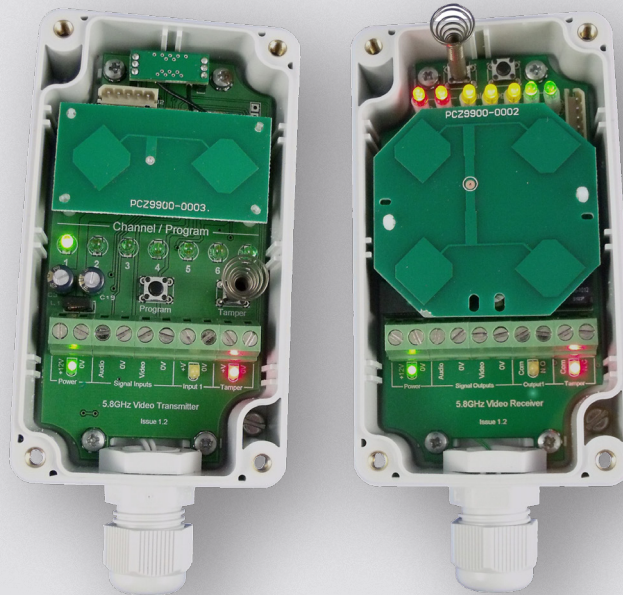


RF200V

# WIRELESS VIDEO TRANSMISSION

IP65 200m Analogue Wireless Video & Audio Link Pair



## Key Features

- 5.8GHz
- IP65 rated
- 7 RF channels
- 12 volt operation
- High quality audio & video
- 200m 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 RF200V 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.



## Specification

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### Electrical

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

### Transmitter

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

### Receiver

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

### Others

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<b>Case Size without Aerial and Grommet</b>	115 × 65 × 40mm
<b>Ingress Protection</b>	IP65
<b>Temperature Range</b>	-10 to +55°C
<b>Relative Humidity</b>	95% (Non-Condensing)

## Accessories

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#### **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