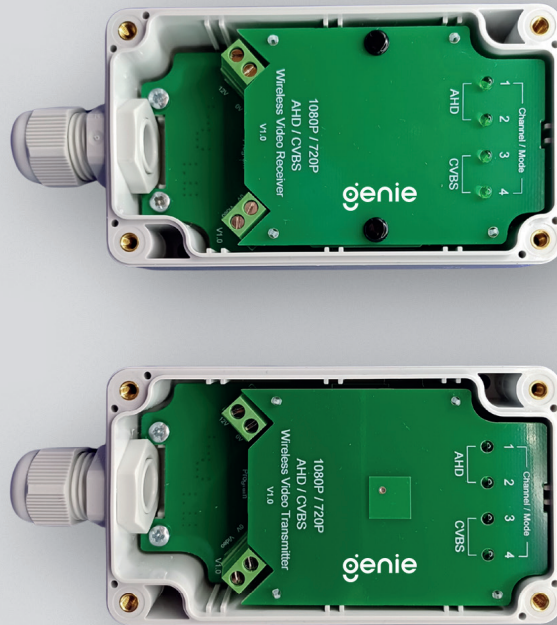


RF50HD

# WIRELESS VIDEO TRANSMISSION

IP65 50m HD Wireless Video Link Pair



## Key Features

- 5.8GHz
- IP65 rated
- 2 RF channels
- 10 -14VDC operation voltage
- High quality AHD 1080P (2MP) video
- 50 Metres HD range (Line of Sight)\*
- 400 Metres CVBS range (Line of Sight)\*
- 4 LED (RSSI) signal strength meter
- Directional antennas (Reduced interference)

Note: \* In ideal conditions

The Genie **RF50HD** is a high-quality FHD compatible wireless video link designed for easy installation and reliable transmission. Housed in a compact IP65- rated weather resistant enclosure, both the transmitter and receiver are suitable for outdoor installations without the need for additional protection from the elements.

Supporting up to 1080P resolution for AHD video signals, our RF50HD can offer up to 50-metres of wireless range, and up to 400-metres in CVBS mode (line of sight).



genie

## Specification

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### Electrical

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<b>Operating Voltage</b>	10—14V DC (Max)
<b>Operating Current (Transmitter)</b>	180mA (Max)
<b>Operating Current (Receiver)</b>	140mA (Max)

### Transmitter

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<b>Operating Frequencies</b>	5740MHz & 5860MHz
<b>Transmit Power</b>	<= 14dBm
<b>Video Input</b>	1Vpp
<b>Video Modulation</b>	FM

### Receiver

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<b>Operating Frequencies</b>	5740MHz & 5860MHz
<b>RF Input Level</b>	-85 ~ -10dBm
<b>Video Output</b>	0.6 ~ 0.9Vpp

### Mechanical

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<b>Housing size without Aerial and Grommet</b>	115 × 65 × 40mm
<b>Housing Rating</b>	IP65

### Environmental

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<b>Temperature Range</b>	-20 to + 55°C
<b>Relative Humidity</b>	95% (Non-Condensing)
<b>Bandwidth (AHD 1080P)</b>	40MHz
<b>Bandwidth (CVBS)</b>	5.5MHz
<b>Distance (Line of sight)*</b>	Up to 50 Metres FHD (2MP) Up to 400 Metres CVBS

### Compliance

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<b>EMC</b>	EN301-489
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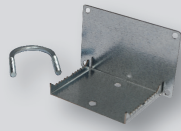
## Accessories

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#### RF2-4DP

Dual Base Plate for use with RF200D, RF200V, RF450V, RF100HD and RF50HD (Maximum 1 video and 1 data)



#### RF200PM

Pole Mount Kit for RF200D, RF200V, RF450V, RF100HD and RF50HD.