



XLD-1900/HP MICROWAVE LINK 1.9-2.1 GHz WITH DIGITAL DISPLAY



Special order, Recommended for Government agencies only. 10W transmitter with 8 channel receiver, 2 special antennas 9.5 dB gain LOG3/GR, Capacity: 1 video/2 audio channels. Operating frequency: synthesized. This link is Professional synthesized with a **digital display inside**, and it is recommended for special applications or video surveillance . It is made for long distances - up to 35 miles line-of-sight. Frequency setting is internal.

| Technical Specifications | XLD-1900/HP Transmitter |
|--------------------------|---------------------------------|
| Operating Frequency | 1900-2100 MHz |
| Channels | Any channels from 1900-2100 MHz |
| Channel Selection | Internal |
| DC Voltage | 12 V |
| RF output power | 10 W |
| Minimum required voltage | 12 V |
| Battery Power | 12.6 V |
| Frequency stability | 0.005% |
| Video distortion | 1% |
| Maximum Range | App. 20 miles |
| Video format | NSCT, PAL |
| Current Consumption | 4 A |
| Antenna | Directional |
| Impedance | 50 ohms |
| Video connector | BNC |
| Video level | 1 V |
| Video impedance | 75 ohms |
| Audio frequency response | 20 Hz – 20 kHz |
| Audio input | 300 mV |
| Audio carrier frequency | 6 MHz |
| Temperature Range | -40+75 °C |
| Dimensions | 7.5" x 11" x 3.5" |
| Weight | 6 lb |
| Modulation | WFM |

| Technical Specifications | XLD-1900/HP Receiver |
|---------------------------------|---------------------------------|
| Operating Frequency | 1900-2100 MHz |
| Channels | Any channels from 1900-2100 MHz |
| Channel Selection | Internal |
| DC Voltage | 12 V |
| Sensitivity | -86 dBm |
| Minimum required voltage | 12 V |
| Battery Power | 12.6 V |
| IF frequency | 480 MHz |
| Video distortion | 2% |
| IF bandwidth | 18 MHz |
| Gain flatness | 0.6 dB |
| Noise | < 2 dB |
| Antenna | Directional |
| Impedance | 50 ohms |
| Video connector | BNC |
| Video level | 1 V |
| Video impedance | 75 ohms |
| Image rejection | N/A |
| Audio input | 300 mV |
| Audio output | 300 mV |
| Temperature Range | -40 + 75 °C |
| Dimensions | 7.5" x 11" x 3.5" |
| Weight | 6 lb |
| Modulation | WFM |
| Antenna connector | SMA |

Warning

Our microwave links are built in weatherproof boxes, but they are not waterproof. Please make sure to protect transmitter/receiver boxes from the rain and moisture.