

DIGI-LINK 5.8

Professional Wireless Transmission System

Recommended Range : < 1km
(Note:- Requires Direct Line Of Sight)



The new DIGI-LINK 5.8 is a completely self contained digital stereo audio & video wireless transmission system capable of transmitting up to a range of 1Km. Operating in the 5GHz frequency band this system is free from interference from Bluetooth, microwave ovens, Wi-Fi (Centrino) and other applications using 2.4GHz. The AES encryption mechanism ensures the audio / video data being transmitted is totally protected making interception almost impossible. Through constantly detecting channel condition, the DIGI-LINK 5.8 dynamically changes to the optimal channel whenever interference is detected. Up to 20 sets of DIGI-LINK 5.8 can be deployed within the same area without interfering with each other.

Main Features

- Pre-programmed for 5470MHz - 5725MHz frequency band (UK & EU)
- Hardware AES (Advanced Encryption Security) to prevent eavesdropping
- MPEG-2 (D1) standard video compression
- Auto detection of NTSC and PAL inputs
- Diversity Reception technology preventing multi-path fading, ghosting and loss of quality
- Line In / Line Out Stereo Audio
- Robust Industrial Standard IP65 sealed housing
- Supplied with Pole Mounting Brackets
- Compliant with ETSI EN 301 893
- Operating Temperature 0⁰C to +50⁰C
- Dynamic Frequency Selection (DFS) for resisting interference from WLAN networks at 5GHz
- Closed-Loop RF Transmitter Power Control (TPC) to ensure robust and consistent communication link
- Accepts Composite and S-Video inputs



Ranges of up to 1km metres may be achieved depending on site conditions.
A field trial is necessary on all sites to ensure local conditions are favourable.

VIDEO
&
AUDIO

Transmitter Specification

- Output power 200mW eirp max (5150 - 5350MHz)
- Output power 1W eirp max (5470 - 5725MHz)
- Supply voltage 8~28V DC
- Current 650mA @ 12V
- Video Input 1V p-p 75 ohms.
- Audio input (L&R) 1.4V p-p into 600ohms.
- Size (mm) 290x260x70
- Weight 1.35kg

Receiver Specification

- Input Sensitivity -85dBm
- Supply Voltage 8~28V DC
- Current 500mA @ 12V
- Video Output 1V p-p 75 ohms.
- Audio Output (L&R) 1.4v p-p into 600 ohm
- Size (mm) 290x260x70
- Weight 1.35kg

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