



# L1370 XPu-HD Wireless Transmitter



## Wireless Transmitter L1370

### Overview

The L1370 XPu-HD is an MPEG-2 wireless video transmitter specially designed with low latency for On-Board applications and harsh environments.

The small size and low weight gives customers a range of options on where and how this is deployed. By combining this unit with the 200 mW (EIRP) L3452 car mount active antenna, or the 200mW (ERP) L3250-1927 XPu amplifier module, the XPu-HD adds another dimension to wireless camera use.

An optional camera mounting bracket is available to enable the XPu-HD to be mounted to professional broadcast and Prosumer cameras.



Camera Mounted XPu-HD Transmitter  
and Power Amplifier

### Features

- DVB-T, QPSK, 16QAM and 64QAM  
6, 7 & 8 MHz
- LMS-T: QPSK, 16QAM  
10MHz, 20MHz
- Frequency Range: 1.95 to 2.7GHz  
(others available)
- Profiles: 4:2:0 and 4:2:2
- Ultra Low Delay
- Deep Interleaving
- XPu-HD Camera mounting option  
with V-Mount (IDX), PAG or Anton  
Bauer adapters High Definition
- Variable Bandwidth LMS-T
- Available as part of end to end  
package

### Applications:

- 3D Rigs
- On-boards:
  - Race Cars
  - Off Road Vehicles
  - Helicopters
  - Boats
- Film Assist
- Crowd Cameras
- Goal Cams
- Auxiliary Encoder

# Specifications

## Video:

- HD-SDI
- BNC Connector

## ASI:

- REMUX
- In, Out
- BNC Connector

## RS232:

### Control:

- 9600, 115200

### Data:

- 1200, 2400, 4800, 9600, 19200, 38400, 56000, 115000

### Connector

- LEMO

## Audio:

- 1 Stereo Pair: Line Level
- Mic Level - with Phantom Power
- LEMO Connector

## RF Out x2:

- -3dBm Nominal
- Output Impedance 50 Ohm
- QMA Connectors

## Frequency Range:

- 1.95 to 2.7GHz

## Modulation:

- DVB T - 6, 7, 8MHz
- LMS-T (Link Modulation Scheme) 10MHz, 20MHz

## Dimensions:

- 106.9 (L) x 31.75 (H) x 100.5 (W) mm (excluding flange and connectors)

## Weight

- 364 g

## Power Consumption

- TBD

## Active Antenna:

- Car Mount L3452-1927 200mW EIRP

## Amp Module:

- L3250-1927 200mW ERP

## Environmental

- Operating Temperature: -10° C to +55° C
- Humidity: 0 to 95%



*XPu-HD Power Amplifier*



*Audio, video, and power connections*



*Mounting Bracket with integrated battery mount, XPu-HD Transmitter and Power Amplifier*