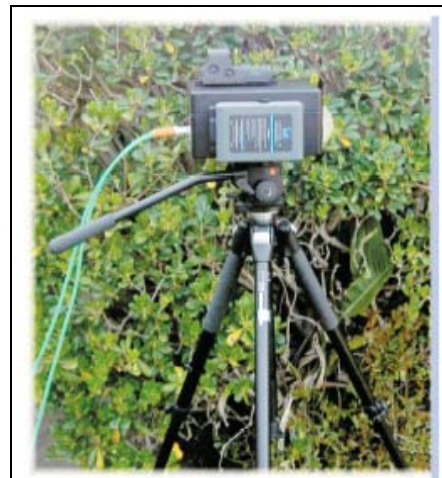


HXI Gigalink® HD-Link Single and Dual Channel

HXI, LLC introduces the first unlicensed wireless system to transport uncompressed production HD/SDI video. Our patented Direct Digital Modulation (DDM) enables us to transport up to (2) independent, uncompressed SMPTE 292M (SMPTE 372M) production video streams simultaneously without the need for compression or forward error correction and the associated latency.

The HD/SDI Gigalink system was developed specifically for use with SONY™ HDC and HDCU-F950 Digital 4:4:4 CineAlta™ Professional Camera systems but will interface transparently with any SMPTE 372 or 292M compliant production system.



Features

- FCC/IC Part15.255 57-64GHz or MPT 59-66GHz, interference-free, unlicensed operation
- Single or Dual, 1.485Gbps SMPTE 292M (SMPTE 372M) 4:4:2, 4:4:4 protocol support
- 12VDC operation via XLR4 input or on-board V-Mount BP-GL95 or equivalent battery
- Industrial duty all metal construction for survivability and reliable field operation
- Low power consumption for extended operation with low battery warning indicator
- Error-free operation including all HDSDI pathological patterns
- Small light weight design for portable applications (11lbs. 9.5”Lx9.5”Wx 4.75”H)
- Dielectrically loaded 5° lens antenna for high signal gain and manageable beam-width
- Optical sight and RSSI bar graph for alignment confirmation
- CDR, Equalization and Line Drivers to support SMPTE Interface minimum cable length standards
- Optical interface options available

<u>System Specifications</u>	<u>HD2-Link (dual channel)</u>
Video/Audio Formats	HD/SDI/ASI
Video Inputs/Outputs	Dual HD-SDI, BNC x 2
Aggregate Throughput	2.97Gbps, HD-SDI x 2
Bit Error Rate	< 1 x10 ⁻¹²
Transport Latency	<2ns (30% < than fiber)
Transmitter Power	+10dBm (10mW)
Antenna Gain/Beam-width	35dBi / 5°
Operating range (clear to moderate rain)	20 – 500 meters
Power Service	10.5-17VDC, 15W via XLR4 or V-Mount Battery
Regulatory Approvals	FCC Part 15.255 , MPT (59-66GHz) Unlicensed
Environmental	0 to +65°C, IPC65 rated enclosure
Size (transmitter or receiver)	9.5”L x 9.5”W x 4.75”H (240mm x 240mm x 120mm)
Weight (transmitter or receiver)	11 lbs. (5Kg)