

Uncompressed Wireless HD 1.485 Gb/s HD-SDI Video Link



VL500 shown with optional VLSS100
sighting scope

- 500+ meter HD, 800+ meter SD range – multiple links can be repeated indefinitely
- SD/HD SDI and DVB ASI Compatible – 270 Mb/s, 1.485 Gb/s (every *bit* of it)
- Highest quality wireless video transmission – absolutely no compression or coding
- Paired links can be set up for full duplex operation
- Millimeter wave technology, narrow beamwidth, high security
- 60 GHz globally allocated unlicensed spectrum – impervious to fog, rain, dust, snow
- Point-to-point links: across the field, on the golf course, at the track, building to building
- Ad hoc or permanent installation – small, lightweight, fast setup and teardown
- SDI input/output 75 ohm BNC, 12 VDC from mains power supply or battery

Preliminary – Specifications Subject to Change Without Notice v1.2

Vu**μ**bIQ

millimeter wave wireless

VuLink VL500

Technical Data

SMPTE 259M (270 Mb/s)
SMPTE 292M (1.485 Gb/s, 1.4835 Gb/s)
DVB-ASI (270 Mb/s)

General

Power Requirements	11-16 VDC, 1 A; 4-pin XLR male
Carrier Frequency	60.0 GHz
Channel Bandwidth	1.5 GHz
Antenna Beamwidth	1.2 degrees
Polarization	V (H polarization also available)
Size VL500EH	584 mm (23") L x 276 mm (10.9") W
Size VL500	597 mm (23.5")L x 318 mm (12.5") W
Weight VL500EH	4.8 kg (10.6 pounds)
Weight VL500	7 kg (15.3 pounds)
Temperature	-20 to 65 C (-4 to 150 F)
Mount	1/4-20, 3/8-16 holes for tripod mount

Transmitter (TX500)

Video input	SDI 75 ohm BNC
RF Output Power	10 mW

Receiver (RX500)

Video Output	SDI 75 ohm BNC
Noise Figure	6 dB

Applications

- Long Range HD/SD Link
- Remote HD Camera
- Remote HD Display/Monitor
- Studio SDI Wireless Extension
- Wireless DVB-ASI



VL500EH

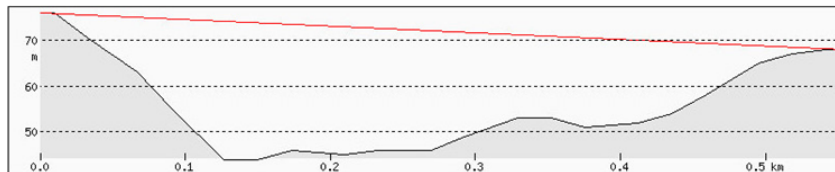


VL500



Optional VLSS100
Sighting Scope

This equipment is subject to FCC rules and will comply with the rules before delivery to a commercial buyer.



VL500EH
Setup



500 Meter Ad Hoc HD Link Setup



VL500
Setup

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