



Vu**μ**bIQ

**VuLink
VL300**

1.485 Gb/s Uncompressed HD-SDI Wireless Video Link



TX300

60 GHz
Faster Than Fiber or Cable
100 Meter Range



RX300

Zero Lag
No Interference
No Compression
No Channel Coding
No Missing “Least Significant” Bits
Simply, No Tricks

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
- Full baseband digital video stream
- Up to 100 meter (330 foot) range – multiple links can be repeated indefinitely
- 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



V_μbIQ

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Technical Data

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

General

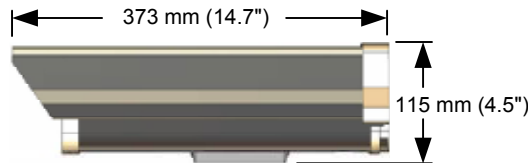
Power Requirements 11-16 VDC, 1 A; 4-pin XLR male
 Carrier Frequency U.S. 58.5 GHz; Europe and Japan 59.5 GHz
 Channel Bandwidth 1.5 GHz
 Antenna Beamwidth 6 degrees
 Polarization H (V polarization also available for full duplex operation)
 Size 373 x 140 x 115 mm (14.7 x 5.5 x 4.5")
 Weight 2 kg (4.4 pounds)
 Temperature 0 to 60 C (32 to 140 F)
 Mount ¼-20 thread for tripod or wall mount

Transmitter (TX300)

Video input 75 ohm BNC
 RF Output Power 10 mW

Receiver (RX300)

Video Output 75 ohm BNC
 Noise Figure 6 dB



TX300
Transmitter



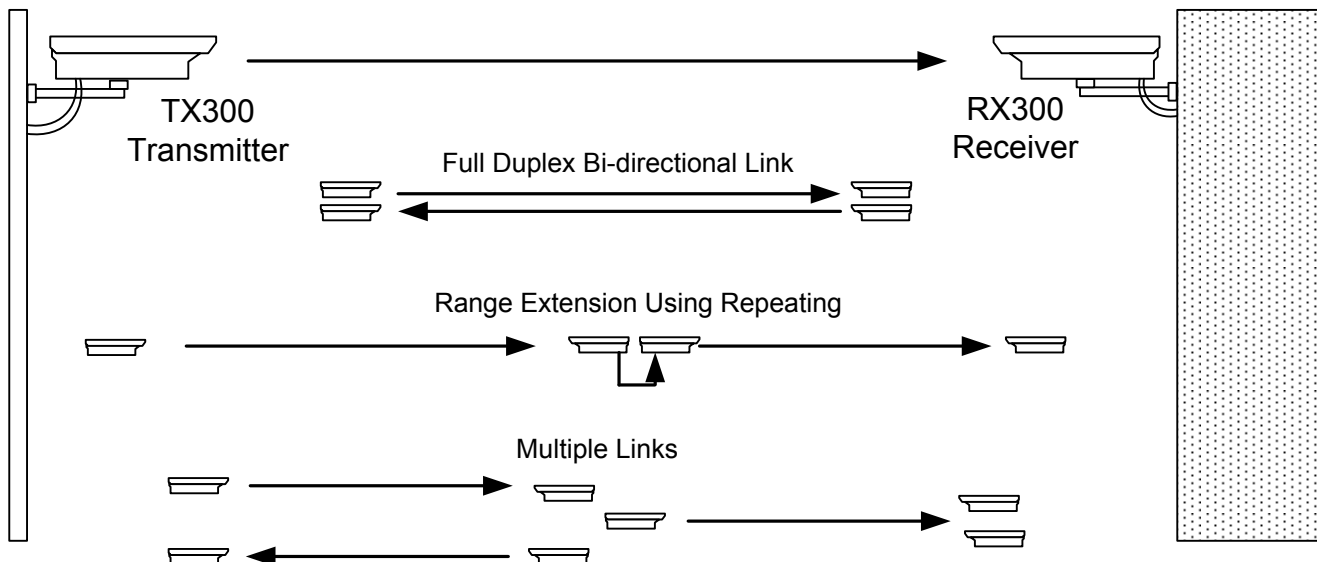
RX300
Receiver

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

Applications

- Remote HD Camera
- Remote HD Display/Monitor
- Studio SDI Wireless Extension
- Wireless DVB-ASI
- ASI Multiplex Extension

System Level Configurations



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