

# 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)<sup>™</sup>**

- 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

### Technical Data

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

**General**

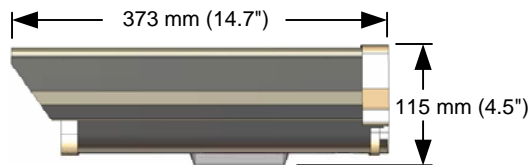
Power Requirements 11-16 VDC, 1 A; 4-pin XLR male  
 Carrier Frequency U.S. 58.5 GHz; Europe and Japan 59.5 GHz  
 Channel Bandwidth 1.5 GHz  
 Antenna Beamwidth 6 degrees  
 Polarization H (V polarization also available for full duplex operation)  
 Size 373 x 140 x 115 mm (14.7 x 5.5 x 4.5")  
 Weight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

**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**



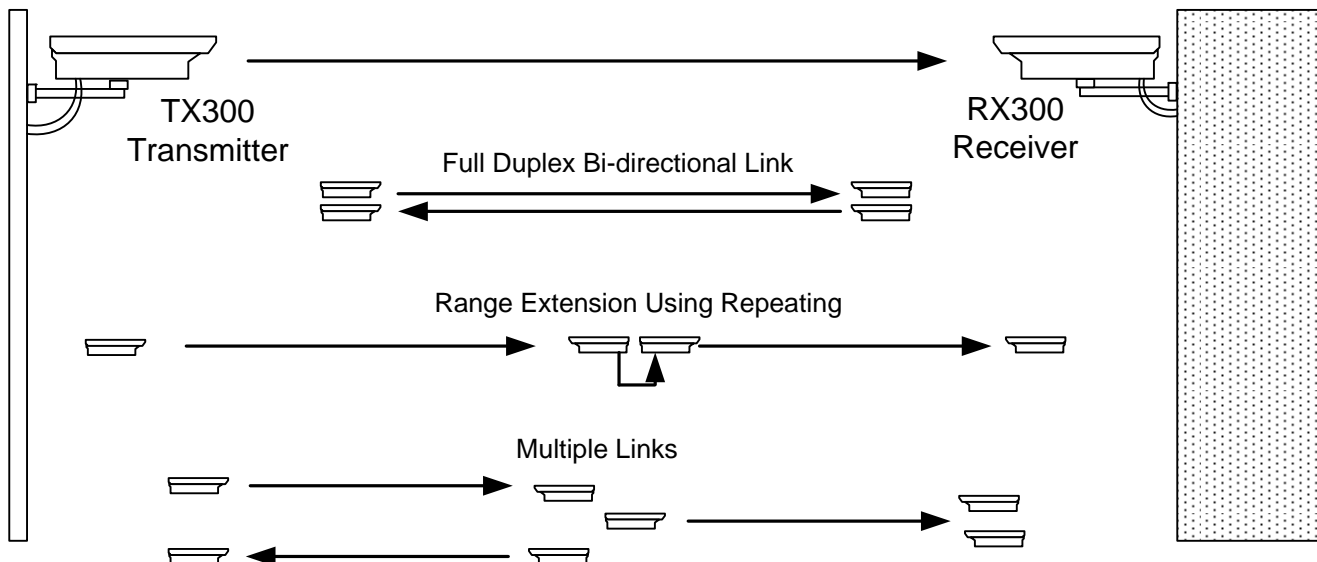
**RX300  
Receiver**

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



Preliminary – Specifications Subject to Change Without Notice