



Product Highlights

- TDM and Ethernet over a single wireless link
- Extended range; up to 4W EIRP
- OFDM technology enables operation in nLOS
- Robust interference-mitigation techniques
- Operates with WinLink 1000 IDU products
- Competitively priced

WinLink™ 1000 5.8GHz ETSI Radio

The WinLink™ 1000 5.8 GHz ETSI-compliant radio provides high-quality TDM and Ethernet wireless connectivity for service providers and private networks in Europe. Part of the WinLink™ 1000 solution portfolio, the 5.8GHz ETSI radio complies with the latest ETSI regulation [EN 302 502 V1.1.1] allowing 4W maximum radiated power (EIRP), and also employs Dynamic Frequency Selection (DFS) mechanism as defined by this new ETSI standard.

| Specifications | |
|------------------------|--|
| Frequency Bands | 5.725-5.875 GHz |
| Radio Regulation | EN 300 216 V1.2.3, ETSI EN 302 502 V1.1.1 (2006-11) |
| Data Rate | Up to 48 Mbps air interface, 18 Mbps Ethernet throughput |
| Channel Bandwidth | 20 MHz |
| Duplex Technique | TDD |
| Modulation | OFDM – BPSK/QPSK/16QAM/64QAM |
| Max Tx Power | 14 dBm (set for 22dBi Antenna) |
| Received Dynamic Range | >60dB |
| Error Correction | FEC k=1/2, 2/3, 3/4 |
| Dimensions | |
| ODU | With 1ft integrated antenna: 30.5cm(W) x 5.8cm(D) x 30.5cm(H) Weight: 1.5kg/3.3lbs Without antenna: 13.5cm(W) x 4.0cm(D) x 24.5cm(H) Weight: 1.0kg/2.2lbs |
| IDU-E | 23.5cm(W) x 16.5cm(D) x 4.5cm(H) Weight: 0.5kg/1.1lbs |
| IDU-C | 43cm(W) x 29cm(D) x 4.5cm(H) Weight: 1.5kg/3.3lbs |

| Antennas | | | |
|--|-------|------------|--------------|
| | Gain | Beam Width | Polarization |
| Integrated or External 1ft Antenna | 22dBi | 9° | Linear |
| Additional antennas are available upon request | | | |