

# Liberator-V1000



## Features & Benefits

- License exempt operation
- Plug and Play
- Ethernet 1000 Mbps (Full Duplex)
- Small form factor
- Remote management
- Inherently secure
- Quick to Install

## Applications

- Fibre alternative
- LAN extension
- Path redundancy
- Campus connectivity
- Disaster recovery
- Leased Line Replacement
- Temporary connections
- Small Cell (Pico & Femto)

**Licensed Link Quality of Service – Without the Licence!**

The Liberator-V1000 is an extremely versatile and cost effective P2P wireless Ethernet link operating in the 60GHz band. Quality Design and engineering provide carrier grade availability for large and small network operators or individuals.



Scan The QR-Code for our contact information

### General system information:

- Modulation: QPSK
- Range: Up to 800M
- Ethernet throughput: 1000Mbps (Full Duplex)
- Frequency: 59.5GHz & 61.5GHz V band
- Antenna gain: 38dBi
- TX power: +8dBm (Max at Antenna Port)
- Max EIRP: +45.5dBm
- Sensitivity: -62dBm (at Antenna Port)
- Channel width: 600MHz
- Availability: Up to 99.999%
- MTBF: 25 years
- Wind load: Operating 160km/h  
Survival 200km/h

### Power supply:

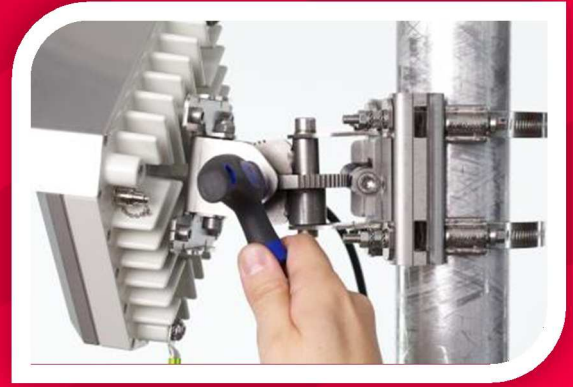
- PoE: IEEE 802.3at
- Power Consumption: 20W 48vdc

### Environmental:

- Temperature range: -45°C to +55°C
- Cold Start -30°C

### Optional Accessories

- Optical Alignment Scope



### Network

- Interfaces: 10/100/1000 Base-TX
- Latency: <500us (One Way)

### Management

- SNMP: V1, V2c, V3
- HTTP: Web browser-based

### Connection:

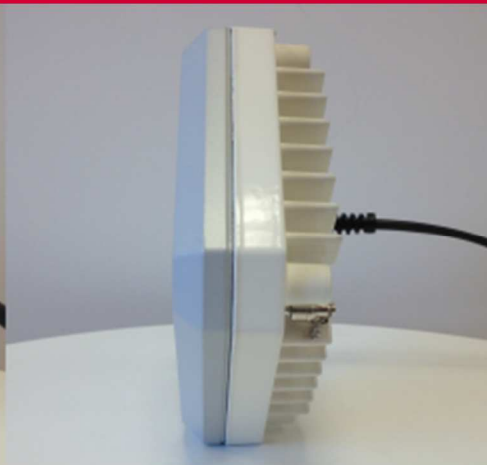
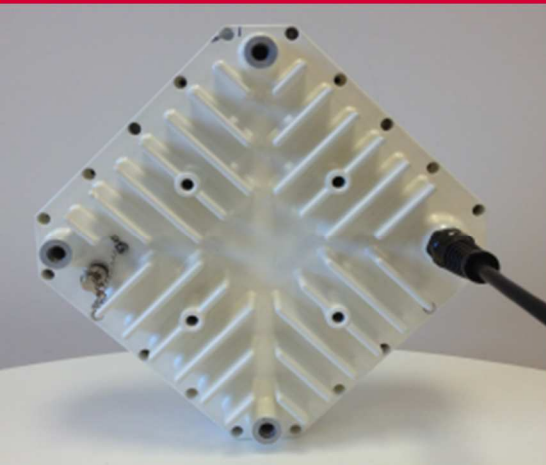
- Cable: 100m(max) CAT5e Outdoor Rated
- Connector: RJ-45

### Dimensions (ODU):

- Size: 182 x 182 x 68mm
- Weight: Outdoor Unit - 2.5kg, Bracket - 1kg

### Regulatory

- IP66, CE Compliant, FCC Part 15



## Contact Information:

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