

LaserHop

Powered by Cablefree
Leaders in Optical Wireless Technology

LaserHop GigE One - Product Overview

System Features

- Cost-effective 'Plug & Play' entry-level system
- Full Duplex bandwidths of 1000Mbps
- Transmits up to 170m - Class 1M Eye-safe
- Complete system including power supply & brackets
- Rugged environmental IP65 waterproof enclosure

Applications

- Short-distance Wireless LAN, Data and VOIP transport
- Remote building LAN connection
- Alternative to 802.11 radio
- Temporary Deployment

Accessory Options

Mounting Brackets Wall, Roof, Pole or Tower mount options available

Alignment kit Display of Local & Remote signal levels

Management Options LaserHopManager™ software
Also compatible with CableFree LinkManager™, AlarmView™, ClusterManager™, GSM modem

System Specifications

Environmental IP65 weather-sealed unit

Power supply options for 115V ac, 230V ac

Alignment 10-stage RSSI meter (plus optional FM audio circuit & tones, handheld test set)



System Variant	LaserHop GigE One MM	LaserHop GigE One SM
Performance		
Data Rate	1000Mbps GigE	1000Mbps GigE
Interface	Multimode Fibre	Singlemode Fibre
Range	170m	170m
Bandwidth	1000Mbps	1000Mbps
Power Consumption	15W	15W
Operating Temperature	-10...+50 deg C	-10...+50 deg C
Optical		
Wavelength	780nm	780nm
Transmit Power	+10.1dBm	+10.1dBm
Beamwidth	8mRad	8mRad
Safety Classification	Class 1M (IEC)	Class 1M (IEC)
Receiver Type	APD	APD
Mechanical		
Dimensions (mm)	373x233x139	373x233x139
Weight	3.5kg	3.5kg