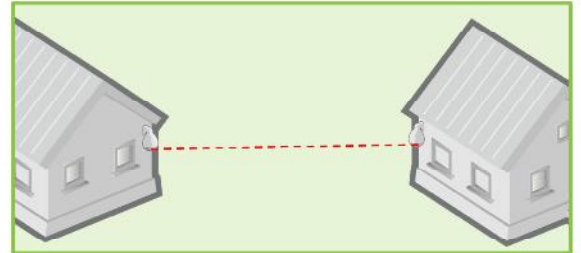


Technical Specifications

Range	100m
Bitrate	100 Mbps
Data Interface	Ethernet
Power Interface	12V DC Power over Ethernet
Optical Power	3 MW
Laser	Class 1M (Eye-safe)
Mounting	Line of sight required

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Features & Benefits

High Speed Connection	Real full-duplex 100Mbps Ethernet throughput
Bitrate	100Mbps
Ultra Low Latency	Fiber-like system latency (typically less than .2ms)
Secure Operation	Highest level of physical transmission security, due to narrow angle transmission beam
Immune to RF Interference	All Polewall FSO products are immune to radio frequency interference
Network Interfaces	Standard 10/100 RJ45 Ethernet copper interface
Low Voltage Design	Power over Ethernet (PoE) connection, no need for expensive high voltage power cabling.
Low Power Consumption	Total power consumption < 3W
Installation/Alignment	Built-in robotic alignment. Requires just one person to install. Service terminal for link planning, configuration, and operations.
Eye Safety	Rated Laser Class 1M (eye safe) by the internationally recognized IEC/EN 0825-1/A2 laser eye-safety standard.