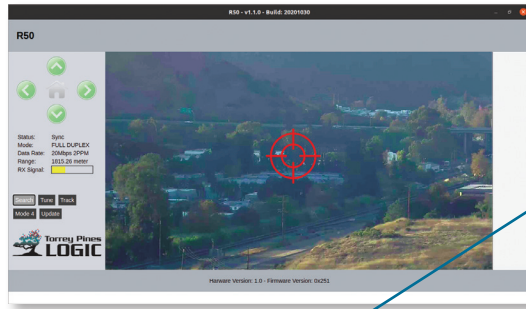


Automated Link and Tracking Interface



Campus/Event Connectivity

Telco Bypass/Voice/
PBX Connectivity

Primary Building

Hotspot/WLAN/
Cellular Backhaul

LIGHTSPEED R50

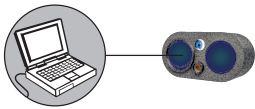


R50 long range versions on pan/tilt

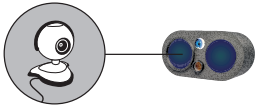
The LightSpeed™ R50 units are the latest generation of the LightSpeed™ optical communication system, incorporating the latest technology in a handheld package. The eye-safe IR LED (no laser) used by R50 allows non-visible communications between units at distances at extended range. Using the supplied headsets, R50 provides full-duplex voice communication. The units also function as an Ethernet link to a remote computing device or to another system via a standard Ethernet connection. In situations where a hardwire connection is unavailable or undesirable, R50 are the perfect alternative to cables.

- Most secure communication technology on the market
- Bi-directional data, voice, and video
- Point-to-point LAN extension
- Auto signal tracking system built into R50 on pan/tilt
- 100% eye-safe IR LED communications
- Perfect for emergency and temporary communications
- Tripod mounted for ease of use
- Best alternative to cables
- Perfect performance even in fog at distances 5-6 times the visibility limit

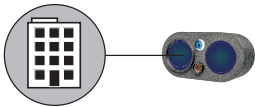
Voice communication	16 - 64Kbps
Data communication	Up to 20Mbps
Data interface	100 Base-T (RJ45)
Operating distance	10+km
Transmitter	IR LED (no laser)
Field-of-view	1.5°
Headset	Included
Size	9"x8"x8" to 12"x12"x10" depending on configuration
Weight	6-13 lbs depending on configuration
Mounting	Tripod or special mount
Power supply	5-12V DC, 5-20W depending on configuration
Operating temperature	-20° to +60° C
Storage temperature	-40° to +80° C



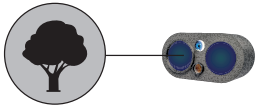
Computer network



Camera network



Building network



Field network



Human voice

