



# LIGHTSPEED

## R20



Front view with red dot



Back view



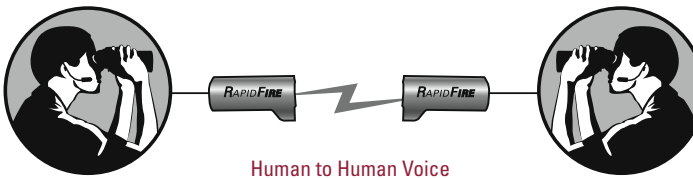
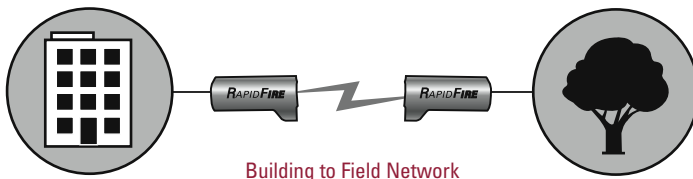
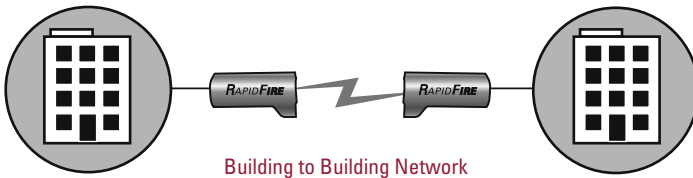
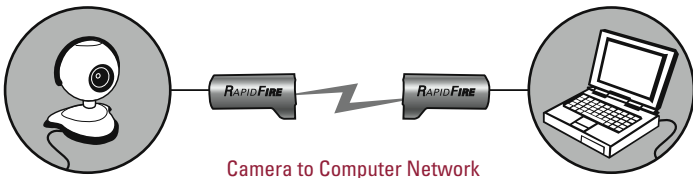
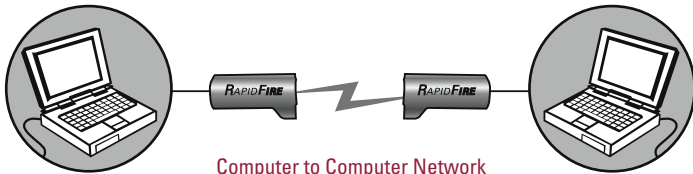
Fog tested

The LightSpeed™ R20 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 R20 allows non-visible communications between units at distances up to 3km. Using the supplied headsets, R20 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, R20 are the perfect alternative to cables.

- Most secure communication technology on the market
- Bi-directional Data, Voice, and Video
- Point-to-point LAN extension
- 100% eye-safe IR LED communications
- Wide field-of-view (same as 7 x 50 binoculars)
- Perfect for emergency and temporary communications
- Handheld or tripod mounted for ease of use
- Best alternative to cables
- Perfect performance even in fog at distances 5-6 times the visibility limit

# LIGHTSPEED

## R20



	LightSpeed R20
Voice Communication	16 - 64Kbps
Data Communication	Up to 10Mbps
Data Interface	100 Base-T (RJ45)
Operating Distance	Over 3km
Transmitter	IR LED (no laser)
Field-of-View	up to 4°
Headset	Any COTS
Size	6" x 3" x 5"
Weight	1,076 grams
Mounting	Handheld, tripod
Power Supply	5 VDC, 5W
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +80°C



2 Unit kit with accessories



For more information email us at [info@tplogic.com](mailto:info@tplogic.com)

