

Datasheet

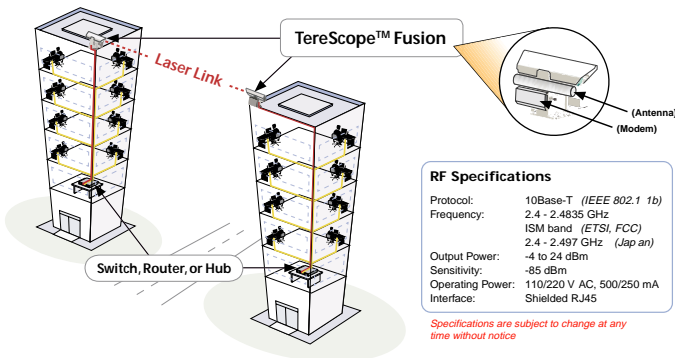
TereScope™ Fusion



Overview

Maximizing Link Availability in ALL Weather Conditions

The TereScope Fusion was designed to combine the best features of two transport mediums, laser light and radio waves, to form a single, seamless, wireless communication link between network devices. By leveraging both technologies, we can provide the 99.999% availability that your network requires.



The TereScope Fusion has been specifically constructed to maximize link availability between network nodes. These systems use the internationally unlicensed, 2.4 GHz ISM band and are used as a backup for a number of TereScope systems.

TereScope Fusion systems have an optical wireless link that provides Fast Ethernet connectivity as the primary link and Ethernet RF as the backup link. These systems operate in most weather conditions, including heavy rain, snow and fog, to nearly 100% link availability. Ease of installation and freedom from licensing make these systems very simple to deploy.

Features

- Provide for maximum up-time in all weather conditions
- Fast deployment
- License-free operation
- Remote management options
- Portable
- Secure transmission
- Dynamic bandwidth allocation
- Optional automatic switching hardware is available

Applications

- Last-mile connections
- Mesh network environments
- LAN/MAN environments
- Fiber backup
- Rapid deployment
- Temporary or permanent installations
- Disaster recovery
- Cross-border links

Please visit the MRV website, www.mrv.com, or email us at sales@mrv.com for information on the OptiSwitch™ automatic switching systems optimized for use with the TereScope Fusion.

Ordering Information

Product	Description
TS10/FUS/US	TereScope Fusion, Radio Frequency Backup Link for TereScope 155 (PI) series, 10 Mbps (2.4 GHz). Mounts and cable to outdoor unit sold separately. This system used in the US Only.
TS10/FUS/INT	TereScope Fusion, Radio Frequency Backup Link for TereScope 155 (PI) series, 10 Mbps (2.4 GHz). Mounts and cable to outdoor unit sold separately. This system used outside the US - specify country destination when ordering.

*V1 = 110 VAC · V2 = 220 VAC · V3 = 24 VDC · V4 = -48 VDC (Internal) · V5 = -48 VDC (External)

MRV has more than 50 offices throughout the world. Addresses, phone numbers, and fax numbers are listed at www.mrv.com. Please e-mail us at sales@mrv.com or call us for assistance.

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