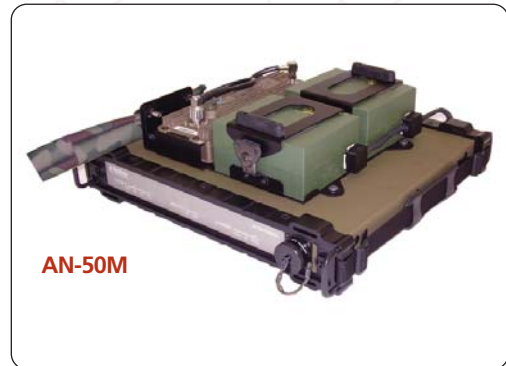




AN-50M - Wireless Military Application

The AN-50M is a wireless Ethernet bridge designed for military use and other applications requiring nomadic capabilities and rugged packaging. Based on Redline's award-winning, broadband fixed wireless OFDM technology, the AN-50M delivers reliable, high-performance voice, data and advance video services under the most adverse and hostile conditions.

The AN-50M is a true low-cost and scalable multi-service platform to support both backhaul and access functions. It provides the ideal combination of durable packaging with robust, low latency capabilities to quickly link remote locations with high-speed connections for combined voice, data and video surveillance services.



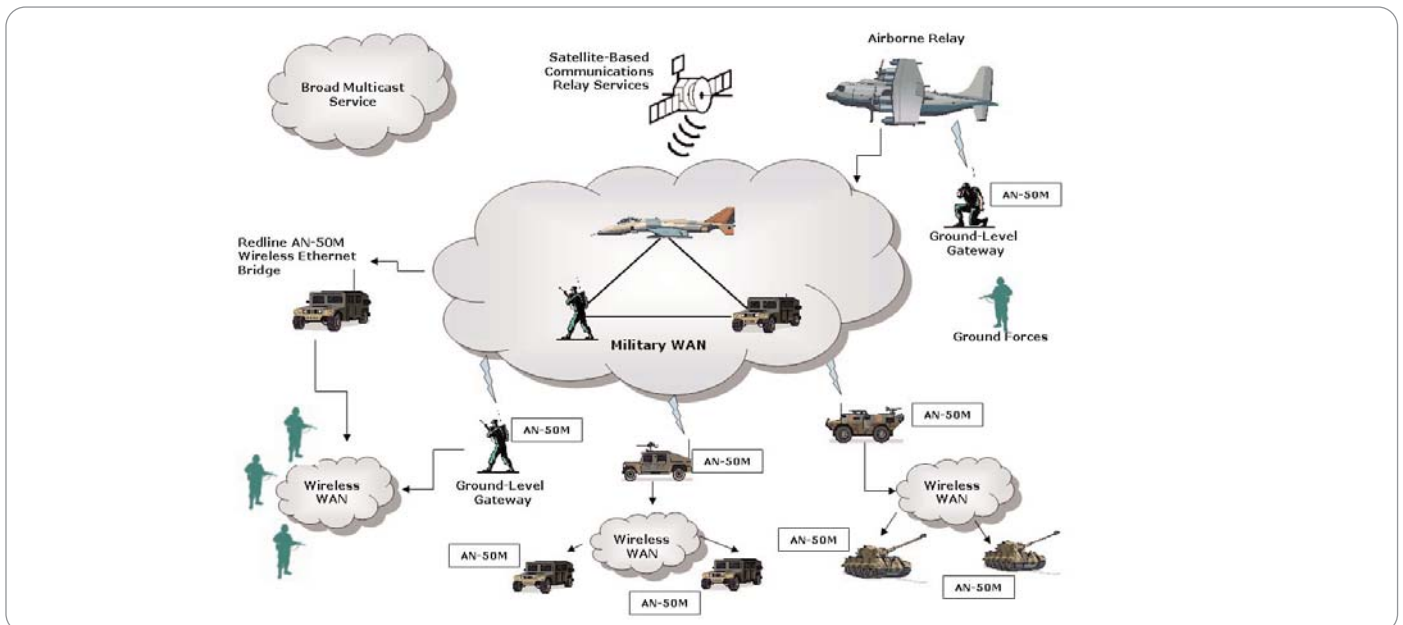
Redline's AN-50M Advantages

Redline's AN-50M broadband wireless solution enables the delivery of mission-critical services and applications to be set up wherever the equipment needs to be located. The AN-50M provides non line-of-sight capabilities that enable rapid deployment and operation from difficult urban and remote locations and reliable high-speed connections back to the control center.

The ability to communicate with and monitor remote locations allows military and defense organizations to provide rapid, cost-effective security and disaster recovery services whenever and wherever needed. The high-resolution video cameras used for real-time surveillance require reliable, high speed IP connection to the control center.

In many situations where a video surveillance system needs to be established immediately, the option to use readily available copper or fiber connections is simply not feasible. The AN-50M can be rapidly deployed or relocated to deliver high throughput wireless broadband communications.

The AN-50M is a compact, wireless broadband solution that can be easily powered using a 12V DC vehicle battery. It can transport up to 49 Mbps of Ethernet data over distances of up to 80 km (50 miles) using advanced encryption to ensure the secure and timely delivery of sensitive information and surveillance data.



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Key Features

- Up to 49 Mbps data rates over 100BaseT interfaces
- Range of up to 50 miles (80 kms)
- Point-to-point and point-to-multipoint configurations
- Adaptive modulation adjusts to changing path conditions to maximize link reliability
- Rugged terminal enclosure is drop-proof and splash proof
- Industrial Ethernet I/O
- Offers high speed 64 QAM modulation
- Over the air encryption
- Traffic prioritization (802.1p)
- Powered by a single 12V DC battery
- Works with T-58e or T-54 transceiver

Strategic Benefits

- OFDM technology provides robust wireless links even in the presence of multipath interference
- Cost-effective, secure and robust backhaul of video surveillance
- Provides immediate disaster recovery communications services
- Delivers robust performance in low-profile and non line-of-site conditions
- Ease of installation, relocation and redeployment
- Reduces the cost of providing high speed data links between locations
- Proactive remote management and diagnosis tools provide high levels of reliability for your telecom and IT staff
- Provides a redundant link to backup landline-based facilities

Wireless Advantage

Broadband wireless allows any security organization to rapidly set up advanced communications and video surveillance equipment where it is needed most- in difficult urban or remote locations. Furthermore, the equipment can be repositioned or redeployed without having to re-route the backhaul connection.

The AN-50M is the performance leader in the 5.4 and 5.8 GHz unlicensed bands, delivering up to 49 Mbps of Ethernet data over links up to 50 miles (80 kilometers) in clear line-of-sight conditions. Redline's advanced OFDM technology delivers robust performance in low-profile and non line-of-site conditions. Light enough to transport by backback, with a ratcheting tie-down antenna and standard batteries, the AN-50M is designed to quickly establish remote tactical command posts.

About Redline Communication

Redline Communications is the leading provider of standards-based wireless broadband solutions. Redline's WiMAX Forum Certified™ systems and award-winning proprietary products enable service providers and other network operators to cost-effectively deliver high-bandwidth services including voice, video and data communications. Redline is committed to maintaining its wireless industry leadership with the continued development of WiMAX and other advanced wireless broadband products. With more than 20,000 installations in 75 countries, and a global network of more than 80 partners, Redline has the experience and expertise to help service providers capitalize on opportunities to roll-out the services and applications that drive their business forward.

Available via:

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