

Soldier Tactical Remote IP Router



KEY FEATURES

- Eases deployment of large MANET Networks
- Only routes data required across networks
- Small and lightweight with no tactical user interaction required
- Aggregates and forwards SA data

DIMENSIONS

Length	10cm
Width	8.6cm
Depth	2.3cm
Weight	150g



Obsidian Technologies Limited

Unit 3, Mitchell Point, Ensign Way
Hamble, SO31 4RF, UK

Phone +44 23 8161 1062
Web www.obsidian.technology
Email info@obsidian.technology

Obsidian Technologies' STRIPR™ optimises large deployments of Wave Relay radios by reducing the volume of multicast routing and SA data crossing between linked networks, allowing maximum bandwidth for network services.

Obsidian Technologies' STRIPR™ optimises large deployments of Wave Relay radios. The STRIPR™ reduces the volume of multicast routing and SA data crossing between linked networks. This reduction in inter-network traffic ensures that the maximum bandwidth is available for network services.

STRIPR™ is a small, rugged device designed to connect MPU4 or Rapier radios on different 'nets'. Configured using a simple mission programming application, the device, once configured, requires no user input in the field. Also, remote configuration is possible via the radio network to the STRIPR™s on-board web based configuration loader.

Programming application allows 'favourite' configurations to be saved and shared via network or file transfer.

Advanced users can setup Quality of Service parameters for voice data and video feeds dependent on mission requirements.

STRIPR™ is able to pass selected multicast broadcast and unicast traffic between networks. This enables the passage of mission-critical voice channels and data streams between networks in an efficient manner. STRIPR™ can be used to aggregate SA positional messages ensuring that valuable bandwidth is reserved for other key traffic.

STRIPR™ can be used to control traffic between all Persistent Systems' MPU4 & 3 and Obsidian Technologies' Rapier radios, dual radios and also Persistent Systems Quad radios with the use of an external power supply.

Our Offering

Specialists in Mobile Ad-hoc NETWORKING (MANET), Obsidian Technologies aims to deliver relevant and cost-effective systems, which will operate in normal and complex environments, and take into account future-proofing for technological and operational advances.

Our Products & Services

- Added Value for MANET
 - » Obsidian has developed a range of 'first of kind' ancillaries for MANET radio systems, including Bolt™, a configuration Fill Gun; Clovis™, a sensor hub; and STRIPR™, a compact router.
- Systems Integration
 - » Obsidian designs and delivers new systems to improve performance and enhance Situational Awareness at individual and Command levels.
 - » Obsidian works with customers to leverage existing systems, integrating new technology when needed, to increase capability and reduce cost of new procurement.
- New and enhanced products
 - » Obsidian works with customers to develop new product concepts which meet operational requirements and add new capability
 - » Obsidian established itself by developing a Full Motion Video Capability for Wave Relay.

In addition to its own products, Obsidian Technologies represents market-leading suppliers to the MANET market, including Southwest Antennas, both for sales and to develop new concepts to meet customer needs.

Our Philosophy

Obsidian Technologies uses three core tenets, to:

- **Define** work with customers, industry or military, to understand their needs and define requirements and technology solutions.
- **Develop** rapidly design, source and build new products to meet the customers' or industry's needs.
- **Deliver** manage all stages of development and delivery to customers, including training programmes, product enhancements and fielding support.

Our Heritage and Mission

Veteran-owned, Obsidian Technologies provides a niche, agile design and delivery capability. Obsidian services a capability gap in the current security market, with a combined experience of over 60 years in the UK military and defence industry. Recent military service supporting Tier 1 Special Forces, Armoured and Infantry units, gives Obsidian a breadth of operational and training experience that it brings to its bespoke products. Our management's blue-chip training and industry experience includes BAe, Northrop Grumman, Steatite, Vickers and Serco.