Clovis™

MANET Sensor Hub

OBSIDIAN
TECHNOLOGIES

External GPS (SMA) connector

19-pin Wave Relay common connector

13-pin sensor connector

KEY FEATURES

- Link multiple sensors to Wave Relay networks
- Control PTZ cameras over Wave Relay
- Small and lightweight with no tactical user interaction required

DIMENSIONS

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

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TECHNOLOGIES

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The Obsidian Technologies Clovis™ is designed to leverage existing ISTAR and UGS ground systems into a MANET network, **Clovis™** is capable of providing dual-video streams triggered by sensors. With either on-board recording or over-the-air retrieval or live over the air transmission.

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Clovis's integrated GPS enables time-stamped video with audio and on-screen KLV metadata to be transmitted or recorded.

All analogue (PAL/NTSC) cameras can be integrated to **Clovis™**, including thermal, low-light and colour.

Clovis™ is delivered with integrated anti-tamper/lift sensors.

Options for **Clovis™** include:

- Serial PTZ capability and illumination on/off
- On-encoder image stabilization and enhancement
- H-264
- SD and HD

Clovis™ weighs under 600g including camera, power supply and cabling.

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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.