



# MERLIN MK3

Ultra fast scanning Spectrum Analyser



## Key features

- Compact all-in-one unit
- Band width up to 30 GHz
- Ethernet control
- Record / Replay waterfall
- Cable or Wireless control
- Multi-format computer control (iPad supplied as standard)
- Battery / Mains powered
- Hot Swap batteries
- Digital and Analogue video display

**MERLIN** is a new ultra fast spectrum analyser.

It can “grab” radio spectrum at in excess of **30 GHz per second**.

The system is based on **Ethernet** control, consequently is ideal for remote deployment.

The **Waterfall** display can be recorded and replayed and provides both time and frequency read out.

## System overview

**Multi Platform.** With powerful in built computing capacity the operator has a choice of graphical interface. The unit is supplied with an **iPad** as standard but the choice can be any size of **MAC, PC,** desk model or laptop or mobile such as an **iPhone**.

In addition to cable, **Wireless** connection is provided for rapid deployment.

Multi-trace **compare**, up to ten scans at one time display

The unit is both battery and or mains powerd. The battery system allows for “**Hot Swap**” and two removeable batteries and one fast charger are supplied as standard.

Both **Analogue** and **Digital** Video demodulation is available.

**External Antenna’s** can be used and a **Directional** hand held is included for direction Finding.

**Mains / Cable** monitoring input with a switchable interface: L/N, L/E, N/E.

Supplied in a rugged military standard transport case.

Dimensions: Merlin unit :- 350 x 280 x 95mm

Weight:- Complete system:- > 9.0 kilos