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MERCURY VENTURA
NSN 5865-99-396-9156

UNDERSTAND | INNOVATE | PROTECT

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MERCURY VENTURA

MISSION PROVEN

Mission proven in the most demanding operational environments in the world, Mercury is designed with ultra-fast, powerful and versatile signal sources. Our Mercury Ventura systems are fully programmable to counter the threats that you face. They can be upgraded in modular increments to increase system coverage or address new threats that arise. Mercury Ventura variants include portable and backpack systems supported by vehicle docks and other accessories.

Frequency Range

- 20 MHz – 2.7 GHz

VENTURA MANPACK

A high power man-portable carry forward system with detachable battery cage

- Continuous fully programmable jamming coverage available from 20MHz to 6GHz (in a dual unit version) that is 4G LTE ready
- Ultra-fast agile signal generation technology within all products in the Mercury range

SUPER VENTURA

A high power dual unit, portable system with detachable battery cages

Mercury VENTURA Man Portable electronic countermeasures (ECM) system
20MHz to 2.7GHz

Comprises of the following:

- Ventura 20MHz to 2.7GHz
- Super Ventura (Dual Unit) 20MHz to 6GHz
- Omni antenna set
- Battery cage for 2 or 4 batteries
- Lithium-ion 2590 rechargeable batteries x 2
- 2 Channel mains battery charger.
- Kirintec commercial fill
- Software configuration CD
- Program data cable

Key Features

Ultra fast agile signal generation technology

Responsive Jamming 20 MHz – 520 MHz

Optional Vehicle Docking Station

- Dimensions:
460mm x 310mm x 140mm
- Weight: 11.3kg
- Operating Frequency:
20 MHz – 2.7 GHz
- Operating temperature range:
as standard: -20°C to +55°C



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Specifications

- **Dimensions**
460mm x 310mm x 140mm
- **Weight**
11.3kg
- **Shipping dimensions**
310mm x 800mm x 520mm

Colour Options



Athracite Grey



Black



Green



Sand

Mercury system characteristics	VENTURA
VENTURA Frequency range	20 MHz – 2.7 GHz
RF Power output	Up to 45W (200W with vehicle dock)
Voltage in	18--32 V
SUPERVENTURA Frequency Range	20 MHz – 6 GHz
Batteries	Detachable 2590 Li-ion
Operating temperature range as standard	-20°C to +55°C
IP 65 environmental protection	✓
Programmable	✓
Built-in self test	✓
Anti-Tamper	✓
Zeroize	✓
Remote control unit	With docking unit or Man Portable RCU
Weight (main unit only)	11.3kg exc batteries
Vehicle shock-mount tray	With docking unit only
Antenna set	Omni
Vehicle integration kit	With docking unit only
Programming files and transfer device	✓
Battery charger	✓

VENTURA VEHICLE DOCK	
Dimensions	320 x 240 x 370mm
Weight	13.1kg

An optional vehicle docking station for use with a VENTURA manpack that converts the man pack system into a high power vehicle based jammer.

Mercury VENTURA

Description

VENTURA Manpack ECM (Please contact us for advice on configuration. Please ask about incorporating Communications Through Inhibition (CTI)



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Vehicle Dock

With the battery cage removed a VENTURA system can be fitted to a vehicle dock to turn it into a high power vehicle based jammer. The dock consists of a permanently installed vehicle based docking system that re-routes all the antenna RF signals through higher power amplifiers.

VEHICLE INSTALLATION

Mercury vehicle dock has been installed in a wide range of vehicles including:

- armoured military vehicles
- soft skin
- armoured SUVs
- armoured limousines.

VENTURA is highly efficient and compact so it can be fitted in a range of spaces with minimal impact on vehicle ergonomics and cooling systems.

Our support teams are available to advise or arrange fitting in any area of the world.