LD3 INTEGRATED MOBILE UNIT

veripos ON TARGET

Compact yet robust, and easy to install and operate, the **VERIPOS LD3** is an outstandingly effective unit.

The LD3 is available in a number of configurations, from basic satellite demodulator to fully integrated mobile positioning unit with demodulator and multi-frequency GNSS receiver. The unit can easily be upgraded for different configurations.

The LD3 can be used to generate VERIPOS proprietary position solutions – from metre to decimetre accuracy – depending on the chosen service. It can also be used as a sensor to output received data and GNSS measurements to external processing or quality control software, such as VERIPOS Verify QC.

In addition to calculating position, the LD3 can output all received data in standard formats such as RTCM. Installation and set up is quick and easy – and operation is simple – with a bank of LEDs indicating overall operating status.

The LD3 requires VERIPOS high power satellite transmissions. With high-power services, a compact, high-gain, omni-direction antenna is recommended. Alternatively, a stabilised dish antenna, such as that used for communicating via Inmarsat, can be utilised.

VERIPOS LD3 ensures reliable reception of VERIPOS services and produces superior positioning from metre to decimetre level accuracy.

Precise Satellite Positioning Services

www.veripos.com

Physical characteristics

Receiver size: Aluminium housing 65mm(H) x 110mm(W) x 185mm(D)

Weight: 1kg

Operating temp: -15 to 55 degrees Celsius

Storage temp: -20 to 70 degrees Celsius

Input voltage: 10 to 36V DC

Consumption: 3W (without GPS card) / 5W (with GPS card)

Environmental: IP67

Data ports and interfaces

Power & Data:	DC Input	
	NMEA out (GPS option)	RS232
	RTCM out	RS232
	Message out	RS232
	RTCM in (ext DGPS input)	RS232
Connector:	Amphenol 7-way male	RS232
Control:	GPS in (option)	RS232
	GPS out (option)	RS232
	OEM in	RS232
	OEM out	RS232
Connector:	Amphenol 7-way female	RS232
Antenna:	Various antenna options available depending on application	

VERIPOS L-band demodulator

Antenna input: 1525 to 1559 MHz

Connector: TNC

GNSS Options: Ashtech DG14 and 16 L1 GPS

Septentrio AsteRx2 Family

L1 GPS (+GLONASS)

L1/L2 GPS (+GLONASS)

MF Options: MF Beacon available with DG16

Regulatory and Environmental

Certified to IEC60945-2002

** Specifications subject to change without notice*

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