VIVAX METROTECH

vScan & vScanM
Utility Avoidance Tools

- **Optional Metal Detector mode**
- **4GB of internal data storage**
- **Simple two button operation**
- **Optional Bluetooth connectivity**
- **Self-test/calibration verification**
- **Compass line direction indicator**
- **Programmable visual, audible and vibration alerts**

The **vScan utility avoidance tool** has been designed to make buried utility detection simple and cost-effective yet intelligent to gather information for analysis. Bluetooth and GPS send data logs to the cloud where it can be mapped using our VMMap Web Portal.

The user configurable vScan contains 33kHz and 131kHz active locate frequencies, Power and Radio passive locate modes, a 33kHz Sonde mode, and an optional Metal Cover Location mode to locate buried covers, manhole lids, and valve boxes. Visual and mechanical vibration alerts are user configurable to provide warnings for shallow depth, overload, overhead cables, or excessive swinging.

You don't need to be an electronics expert to get the most out of the vScan's features. Main features and operational controls are in keeping with industry standards, so minimal training is required.

The standard locate screen shows the peak response indicator and line direction compass.

Press the i button for a depth reading with current measurement and logging options.

The self-test feature checks that the receiver is operating correctly, and the calibration has not drifted.

Active modes such as Metal mode, Bluetooth, GPS, and Points of Interest are shown on the LCD.

Alkaline or Li-ion Batteries
- Alkaline – Typically 12-hours
- Li-ion - Typically 40-50 hours
  (intermittent use at 21ºC (70ºF))

Mini-USB Port
- Download data logs
- Update the firmware
- Add remove frequencies and options

Use the free VMMap App to create real-time maps

Use the free MyvScan App to manage the locator and download data

Construction
- Rugged ABS plastic with rubber bumpers
- IP54 rating
- Receiver: 2.2kg (2.4kg with Metal Mode)
- Transmitter: 1.7kg (1.5kg with Li-ion battery)

- Solid or pulsed output signal
- High or low power output
- Dual-frequency transmit mode

Audio and Visual Indicators
- Internal speaker
- Output status LED's

Audio Indicators
- Internal speaker
- Removable speaker
- Audio tone mirrors peak bar graph

Rotary gain/sensitivity control

Paddle - navigation/mode select
- Power mode
- Radio mode
- Active modes (33kHz & 131kHz)
- Sonde mode (512Hz, 640Hz, 33kHz)

Metal locate mode (vScanM only) to locate buried covers, manhole lids, and valve boxes.

Alkaline or Li-ion Batteries
- Alkaline – Typically 30-hours
- Li-ion - Typically 36-hours
  (intermittent use at 21ºC (70ºF))

vScan Technical Specifications		
	Receiver	**Transmitter**
Construction	High-impact ABS injection molded housing with rubber surrounds	High-impact ABS injection molded housing with rubber surrounds
Weight & Dimensions	2.2kg (2.4kg with Metal Mode) 69 x 28 x 7.5cm	1.7kg (1.5kg with Li-ion battery) 46 x 9.0 x 6.5cm
Ordering options	Internal Bluetooth, Internal GPS and/or Metal Mode	With Alkaline or Li-ion batteries
Display	240 x 400 pixel, 2.7" (6.9cm) Monochrome, high resolution	2 x LED interface
Battery	6 x AA Alkaline, optional Li-ion	4 x alkaline "D" cells, optional Li-ion
Battery life	Alkaline: 12 hours Li-ion: 40 to 50 hours	Alkaline: 30 hours Li-ion: 36 hours
Operating frequencies	Radio mode: 16.5kHz to 23.9kHz Power mode: 50Hz, 60Hz Sonde mode: 33kHz, 512Hz, 640Hz	33kHz, 131kHz
Operating modes	Power, Radio, Sonde	Induction, Direct Connect, Clamp
Data logging and transfer	Via USB cable or via Cloud	-
Environmental	IP54	IP54

What's in the box

Popular Accessories

Li-ion Rechargeable Receiver Battery Kit

VM series Li-ion Rechargeable Transmitter Battery Kit

Ground Extension Spool

Live Plug Connector

Live Cable Connector

Induction Clamps

Sondes

Heavy Duty Clip Direct Connection Lead

Telco Clip Direct Connection Lead

Garmin GLO™ GPS

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