VIVAX METROTECH

vScan-SE
Utility Avoidance Tool

- **Utility locate and sonde detection**
- **Simple intuitive operation**
- **Depth indication in passive power mode**
- **Line direction compass**
- **Self-test / calibration verification**
- **Data logging and mapping in VMMap Cloud**
- **Wi-Fi connectivity**
- **Optional Metal detector mode and GPS**

The vScan-SE Locator is designed to make buried utility detection for strike avoidance simple, cost-effective, and intelligent, while still enabling the collection of valuable data for analysis. It supports 33 kHz and 131 kHz active locating frequencies, as well as passive power and radio modes, and a sonde mode with three frequencies. The line direction compass and the depth indication at passive and active frequencies help users locate and prevent cable damages. Visual and vibration alerts can be configured by the user to warn of shallow depth, signal overload, overhead cables, or excessive swinging. The M version of the vScan-SE additionally features a metal detector mode for locating buried covers, manhole lids, and valve boxes. With built-in Wi-Fi, the vScan-SE can transmit data directly to the free VMMap Cloud for mapping and documentation. No electronics expertise is required to get the most out of the vScan. Its main features and operating controls follow industry standards, ensuring fast familiarisation and minimal training time.



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 and Points of Interest are shown on the LCD.

Power supply
- Alkaline batteries (up to 12 hours)
- Optional Li-ion battery pack (up to 40-50 hours)
- Optional Metal detector mode and GPS

USB-C Port
- Charging port for optional Li-ion battery

Wi-Fi Connectivity and Cloud Data Management

WiFi *Open Cloud Data Sync*
- Free VMMap Cloud for data management and mapping via the free VMMap Pro app
- Over-the-Air Updates

Construction
- Rugged ABS plastic with rubber bumpers
- IP54 rating
- Lightweight

Optional 1-watt Transmitter
- Solid or pulsed output signal
- High or low power output
- Dual-frequency transmit mode
- Audio and visual indicators (internal speaker and status LED's)



Audio Indicators (mirrors peak bar graph)
- Internal speaker
- Removable speaker

Rotary gain/sensitivity control

Paddle navigation/mode select
- Power mode (50/60Hz)
- Radio mode
- Active modes (33kHz & 131kHz)
- Sonde mode (512Hz, 640Hz, 33kHz)

M version only:
Metal detector mode to locate buried covers, manhole lids, and valve boxes.

Power supply Transmitter
- Alkaline batteries (up to 12 hours)
- Li-ion battery pack (up to 36 hours)

Technical Specifications	vScan-SE Receiver	vScan Tx 1-watt Transmitter (Accessory)
Construction	High-impact ABS injection molded housing with rubber surrounds, IP54 rating	High-impact ABS injection molded housing with rubber surrounds, IP54 rating
Weight & Dimensions	2.2 kg (2.4 kg with Metal mode), 690 x 280 x 75 mm	1.7 kg (1.5 kg with Li-ion battery), 460 x 90 x 65 mm
Ordering options	Metal mode, GPS, Li-ion battery pack	Li-ion battery pack
Display	240 x 400 pixel, 2.7" (6.9cm), high resolution, monochrome dot-matrix screen with backlight	2 x LED interface
Power supply	6 x Alkaline batteries type AA, optional Li-ion battery	4 x Alkaline batteries type D, optional Li-ion battery
Battery life	Alkaline batteries: 12 hours Optional Li-ion battery pack: 40 to 50 hours	Alkaline batteries: 12 hours Li-ion battery pack: 36 hours
Operating frequencies	Active: 33kHz, 131kHz; Passive Radio: 15kHz to 30.5kHz; Passive Power: 50Hz, 60Hz; Sonde: 33kHz, 512Hz, 640Hz	33kHz, 131kHz
Operating modes	Active, Power, Radio, Sonde, Metal detect	Induction, Direct Connection, Signal Clamp
Data logging and transfer	Via Wi-Fi to VMMap Cloud	-
Warranty	24 month (extendable on request)	24 month (extendable on request)
What's in the box	Locator, battery compartment, USB cable, user manual	Transmitter, direct connection lead, shoulder strap, user manual





Popular Accessories



Carry Bag vScan-SE Receiver



vScan Tx Transmitter Kit with Direct Connection Lead, Ground Stake and Bag for the Receiver and Transmitter



Li-ion Rechargeable Battery with Charger for vScan-SE Receiver or Transmitter



Live Plug Connector (up to 240V)



Live Cable Connector (up to 480V)



Ground Extension Spool



Induction Signal Clamps for Transmitter



Sondes



Heavy Duty Clip Direct Connection Lead



Direct Connection Lead

Your local Vivax-Metrotech Distributor:

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