VIVAX METROTECH

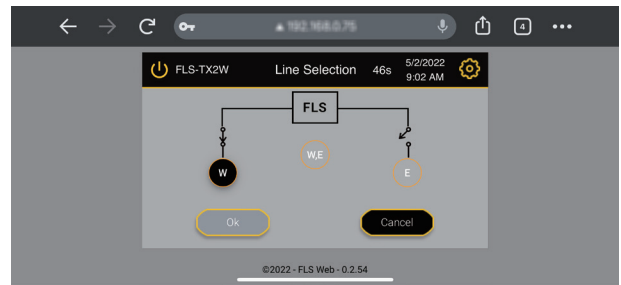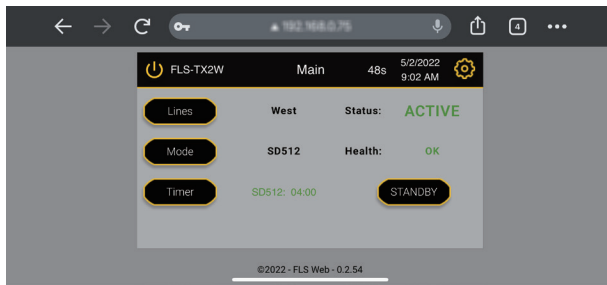# FLS-2 Transmitter
Fiber (Optic) Locate System

- **Powerful 50-watt rack-mounted transmitter**
- **Eliminate portable transmitter connections**
- **Remote Ethernet and mobile-device access**
- **Standard or custom frequencies**
- **Auto-impedance matching for maximum efficiency**

Fiber optic cables are a critical part of modern life due to the vast amount of data they carry to support businesses, internet users, and emergency services. The cost of losing these services, even temporarily, is immeasurable. The FLS-2 system is designed to assist in locating, monitoring and providing damage prevention to these cables.

The FLS-2 high-performance, high-power rack-mounted transmitter is typically mounted in a re-gen station, customer access point, or central office. Powered by DC or AC power, the FLS-2 transmits a locate tone on the metallic sheath of the fiber cable over vast distances to ensure the cable can be located quickly and accurately, even in congested areas.

A rack-mounted transmitter that can be accessed and controlled by a phone call or website portal can streamline your operation and eliminate carrying a portable transmitter. Without the need for a portable transmitter hookup, the field technicians can avoid going into handholes or pedestals and get straight to the task of locating and marking.

FLS-2 Remote Access – Access and control all functions of the FLS-2 transmitter

- NEBS certified

USB Port
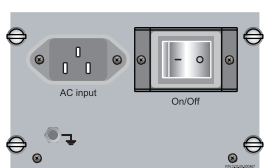- Perform software updates

LED Indicators
- Fail Red
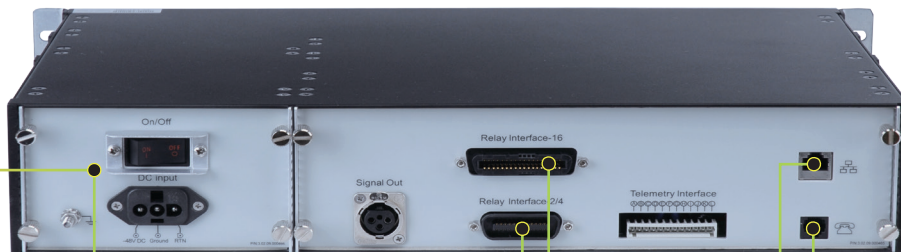- Status Yellow
- Power Green

Rack Installation
- 19-inch rack installation
- Includes additional brackets for 23 and 24-inch racks

Color Touch Screen Control Unit
- Intuitive touch screen menu
- Bright anti-glare screen

DC Powered

Optional AC Power Module

Multiple FLS-2 Versions
2-Direction
4-Direction
16-Direction

Multiple Access Options
- By telephone line (RJ-11 socket)
- By secure Ethernet (RJ-45 socket)

FLS-2 Transmitter Specifications

Construction	**Hand-held Control Unit:** ABS Plastic, **Chassis:** SECC Galvanized steel plate
Weight and Dimensions	19in (L) x 11.85in (W) x 3.46in (H) (483mm x 301mm x 88mm) AC system: 15.8lbs (7.16kg), DC system: 14.6lbs (6.64kg)
Mounting	Includes mounting brackets for 19", 23" and 24" racks
Operating Frequencies	From 20Hz to 10kHz
Output Protection	Over-current and over-voltage
Power Output	Maximum 50 Watts, 100V RMS
Transmitting Modes	2-Way sends the locate signal in two different directions (FLS-TX2W) 4-Way sends the locate signal in four different directions (FLS-TX4W) 16-Way sends the locate signal in 16 different directions (FLS-TX16W)
Remote Access	10Base-T/100Base-TX fast Ethernet. Standard tones from landline or mobile telephone
Compatible Receivers	vLoc3 series RTK-Pro, XLF, Pro, ML, 5000, 9800 and most receivers with matching frequencies

What's in the box

FLS-2 transmitter
 (with 19-inch brackets installed) | **Hand-held Control Unit** | **AC or DC power cord** | **23 and 24-inch**
 mounting bracket sets | **Manual**

Compatible Receivers (vLoc3 series receivers and most receivers with matching frequencies)

vLoc3-Pro   vLoc3-ML   vLoc3 RTK-Pro   vLoc3-9800   vLoc3-XLF   vLoc3-5000

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Please visit our website for full product specifications.