

TLS-RF Wireless 2 System

For Underground Storage Tanks, Aboveground Storage Tanks, and Vapor Applications

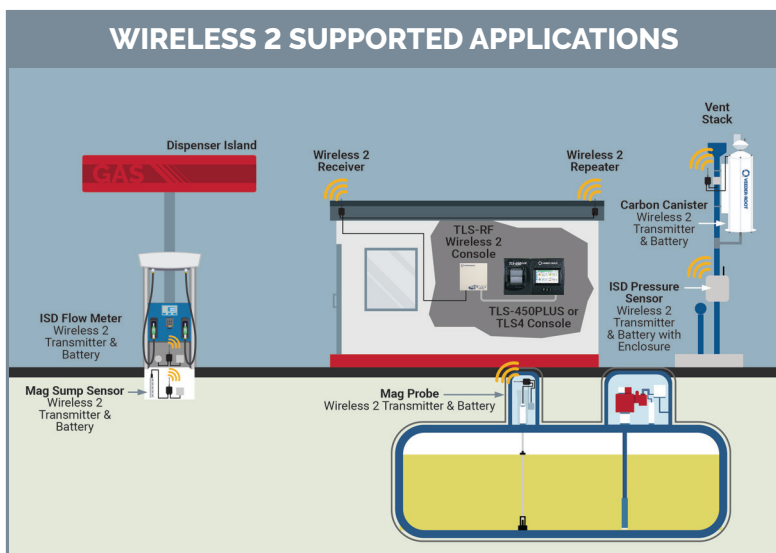
Monitor More Sites Today Without Costly Installation

Whether your need is basic inventory management, sensor monitoring, or the benefits associated with either Static Leak Detection (SLD) or Continuous Statistical Leak Detection (CSLD), the Veeder-Root TLS-RF Wireless 2 System can quickly and easily meet your needs where installing conduit and wiring is not a viable option.



► MAXIMIZE DATA TRANSMISSION & REDUCE INTERFERENCE

The TLS-RF Wireless 2 System maximizes data transmissions while reducing interference. This wireless communication protocol delivers reliable and consistent data between the probes, sensors, and a TLS console.

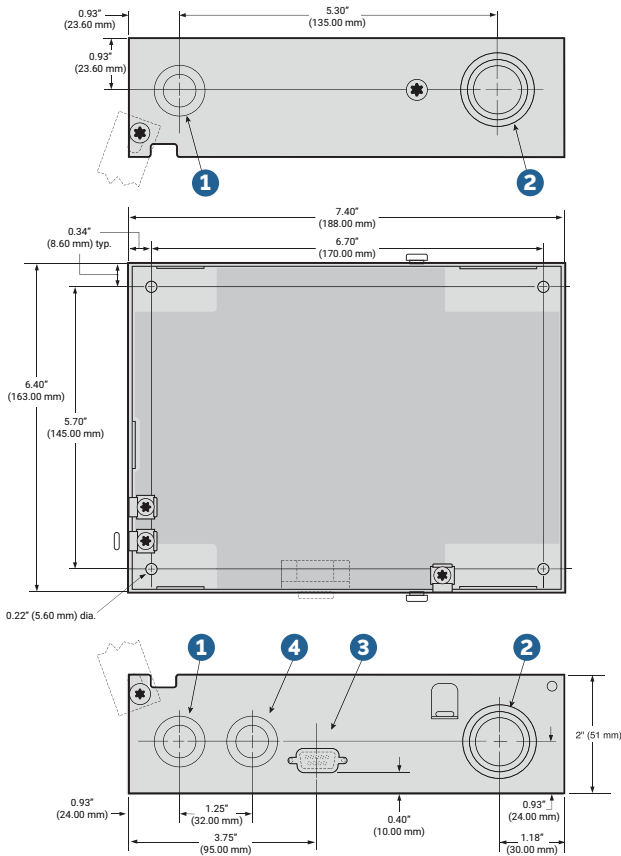


► SUPPORTED VEEDER-ROOT PROBES & SENSORS

Standard Mag Probe and Mag Plus Probe, support the following:

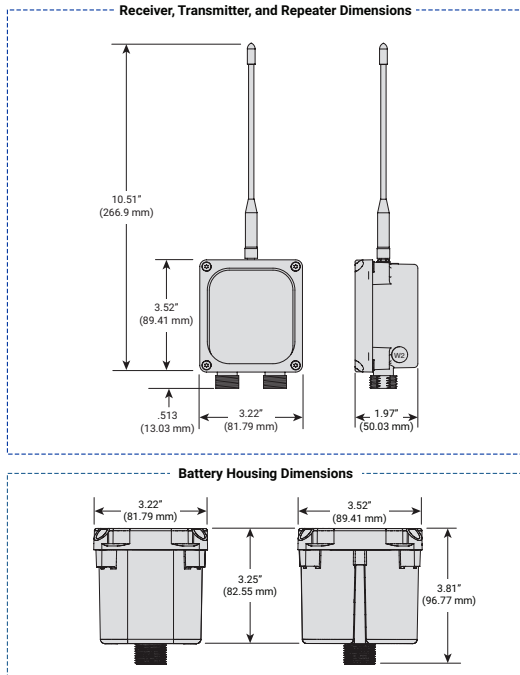
- Inventory Control
- Delivery Management
- Static Leak Detection
- Business Inventory Reconciliation (BIR)
- Continuous Statistical Leak Detection
- **Mag Sump Sensor**, for full featured Containment Sump Sensor Monitoring
- **Pressure Sensor**, California Air Resources Board (CARB) certified for use with In-Station Diagnostics (ISD) and Pressure Management Control (PMC)
- **Vapor Flow Meter**, CARB certified for use with ISD
- **Vapor Polisher**, CARB certified for use with PMC

Wireless 2 TLS-RF Console Dimensions & Designated Conduit Knockouts



- 1 Designated power wiring knockouts
- 2 Designated intrinsically-safe wiring knockouts
- 3 RS-232 (DB9)
- 4 RS-485 knockout

Wireless 2 Component Dimensions



FEATURES & BENEFITS

- Easy installation without the expense of wiring through the forecourt
- Operating frequency 900-928 MHZ
- Reliable communication protocol
- Constructed to handle a broad range of environments
- Battery life up to 2 years
- National Electrical Manufacturers Association (NEMA) 6 equivalent

Part Number	Description	Requirement	Supported Sensor Types		
			Mag-FLEX	Vapor	UST
Wireless 2 (W2) Components					
0858090-201	TLS-RF W2 Kit (Transmitter & Battery Pack) ³	1 per Wireless Device	–	✓	✓
0858090-205	TLS-RF W2 Kit (Transmitter & EVR Battery Pack) ³		–	✓	✓
0858090-203	TLS-RF W2 Kit (Console, W2 Receiver, W2 Repeater) ²	1 per Site	✓	✓	✓
Installation Kits					
0330020-716	Universal Enclosure Kit	1 per Pressure Sensor ⁴ (Optional for W2 Repeater & W2 Receiver)	✓	✓	✓
0332455-xxx	RS-485 Cable	1 per Site	✓	✓	✓
Replacement Parts					
0330020-527	TLS-RF Battery Pack ¹	1 per Wireless Device	✓	✓	✓
0330020-718	TLS-RF W2 EVR Battery Pack (with extended warranty) ¹		✓	✓	✓
0330020-674	TLS-RF W2 Transmitter		–	✓	✓
0330020-453	TLS-RF Repeater/ Receiver Installation Hardware Kit		✓	✓	✓
0330020-522	TLS-RF Transmitter Installation Hardware Kit		–	✓	✓
0330020-668	TLS-RF W2 Console/Expansion Box (If multiple TLS-RF consoles are required, see “TLS-RF Wireless 2 Installation and Maintenance Manual”)	1 per 8 TLS-RF Transmitters	✓	✓	✓
0330020-669	TLS-RF W2 Receiver	1 per Site	✓	✓	✓
0330020-670	TLS-RF W2 Repeater		✓	✓	✓

- ¹ = These battery packs support Wireless 1 and Wireless 2 equipment
- ² = Kit comes with 2 installation hardware kits (P/N 0330020-453)
- ³ = Kit comes with 1 installation hardware kit (P/N 0330020-522)
- ⁴ = Requires wireless pressure sensor (P/N 0861190-201)

TLS Console Sensor Capacity *

Console	8463, 8563, 8462 Mag Plus Probe	8891 Mag-FLEX Probe	8570 Mag Sump Sensor	Vapor Flow Meter	Vapor Pressure Sensor	Carbon Canister Vapor Polisher	Maximum Number of Wireless Devices
TLS-450PLUS	Up to 32	Up to 32	Up to 32	Up to 32	1 per Site	1 per Site	Up to 32
TLS4	Up to 12 (32 with TLS-XB)	Up to 12 (32 with TLS-XB)	Up to 12 (32 with TLS-XB)	-	-	-	Up to 12 (32 with TLS-XB)

* All software features may not support maximum sensor capacity