

Field Hub

Rugged Field Connectivity & Data Acquisition

Field Hub is a field-deployable edge device for wireline logging and surface data acquisition. It delivers high-accuracy depth, tension, and line speed measurements, and serves as a central interface for wireless sensors and real-time telemetry. Designed for geothermal and industrial environments, Field Hub integrates seamlessly with Field Portal for live streaming, data sync, and remote collaboration.

Key Benefits

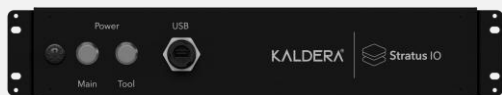
- **Rugged design:** Operates reliably in harsh field conditions
- **Flexible deployment:** Available in rack-mount, panel-mount, and portable options
- **Real-time visibility:** Stream telemetry to Field Portal via Wi-Fi, cellular, or Starlink™



Field Hub 1400



Field Hub PM



Field Hub RM

Core Features

- High-accuracy measurement of depth, tension, and line speed
- Real-time charting with well diagram overlay
- E-line communication and surface sensor integration
- Wireless and wired sensor interfaces
- Syncs with Field Portal for live streaming and memory log upload

Model Options

- Field Hub 1400 - Rugged outdoor touchscreen unit
- Field Hub PM - Panel-mount touchscreen version
- Field Hub RM - Rack-mount unit with e-line telemetry support

Connectivity & Integration

- Ethernet, Wi-Fi, cellular, and Starlink™ support for cloud sync
- Compatible with Field Portal CRS and DMS services
- USB and wireless sensor interfaces for surface pressure and temperature monitoring
- Open architecture for integration with third-party tools and telemetry systems

Interfaces

- Encoder Interfaces: BiSS/SSI and Quadrature
- Tension Interface: 4-20mA (load cell adapter available)
- Analog Interface: 4-20mA (interface adapters available)
- Power: 12 VDC (120-240 VAC available)
- Connectors: M12 series (Mil-Spec adapters available)
- Data: USB, Wi-Fi, Ethernet, Serial

Dimensions

- Field Hub 1400: 11.81" x 8.87" x 5.18"
- Field Hub PM: 10.5" x 10.5" x 4.91" (7U half-width mounting)
- Field Hub RM: 17.03" x 3.5" x 13" (2U full-width unit)

Stratus IO delivers connected field solutions for energy, geothermal, and industrial operations—combining rugged edge hardware, wireless sensors, and a secure cloud platform for real-time insight and safer, more efficient workflows. With deep expertise in IoT, SaaS, and embedded systems, we also offer engineering services to help teams integrate, customize, and optimize their field operations. Whether you're deploying new tools or modernizing legacy systems, Stratus IO helps you design smarter, faster, and more reliable workflows.