COMPLETE CONNECTIVITY M-LINK™

M-LINK™ TRI-MODE OPTION

supports three of the best services and instantly auto-selects the best connection.

The first tri-mode (dual-cell/satellite) option to deliver on complete connectivity. From on-site services to remote office needs, M-LINK provides access, reliability and insight to your fleet and application. M-LINK's dual cellular modem also ensures broadband field connectivity for your workforce with a Wi-Fi hotspot.

Remote Access

With support for AT&T, Verizon and Iridium in one device, M-LINK chooses the best service without the need for user intervention to ensure a reliable signal. Instead of choosing a service, M-LINK supports three of the best services and instantly selects the best option for the optimal connection. This complete connectivity puts data where you need it to schedule repairs, plan responses and avoid unplanned downtime.

Mobile Applications

Bluetooth and Wi-Fi capabilities free you from standing in front of a control panel or tethering you to a laptop. See your application in a completely new view. A smart device and M-LINK app change the way you operate equipment and how you interact with real-time information so you can put it to work.

Over The Air

M-LINK integrates FW Murphy-connected devices to manage over-the-air updates and changes across your fleet with ease. Remote troubleshooting assistance puts FW Murphy Technical Services at your site with you for first-hand rapid support. The support you trust and depend on now offers new avenues to help you keep your equipment up and running.

M-LINK™

5.958 in.
(151.34 mm)

8.874 in.
(225.39 mm)

3.594 in.
(91.30 mm)

0.669 in.
(17.0 mm)

Hardware Specifications

Active dual 4G LTE cellular communication (AT&T & Verizon)
Iridium LEO (Low Earth Orbit) satellite fallback
GPS for device location
Wi-Fi, Bluetooth and Ethernet for local data viewing and configuration
All internal antennas
Local Device Data Connections via 1 CAN, 1 RJ45 Ethernet and 2
RS485 ports (1 master, 1 slave)
4GB non volatile storage for data logging and software updates
IP66 & IP67 ingress protection ratings
CSA Class I, Division 2, Groups A, B, C and D, T4 Certified
Operating temperature: -40° to 176° F (-40° to 80° C)
Operating voltage: 10-30VDC

Software Specifications

Always connected automatic communication switching
Periodic data transmission at user-definable rates
User-configurable data maps
User-configurable alarms
Remote request for data snapshots on demand
Over-the-air updates for configuration changes and firmware
Remote firmware and configuration updates for FW Murphy
connected devices
Wi-Fi hotspot
Supports Modbus RTU, Modbus TCP/IP, CAN bus (J1939 & CCP)

FW MURPHY®
PRODUCTION CONTROLS