Data Sheet

Trimble® TrimFleet™ EchoLDX

Key Features and Benefits

- Easy to use, high-contrast display
- 10-key numeric input panel
- Allows driver to send pre-defined text messages to dispatch
- Displays free-form text messages sent from dispatch
- Compatible with Crosscheck and TVG telematic devices
- Lightweight, rugged design reduces vibration effects and increases readability
- Mounts with a 6” pedestal installation kit, which allows the driver to position the unit for convenience

Stay in Touch with the EchoLDX Display

The EchoLDX is one of multiple display terminals offered by Trimble as an additional feature to the TrimFleet solution. The EchoLDX is a key element within the solution for keeping your fleet in touch and up-to-speed with vital information anytime, anywhere.

By providing the driver with a quick and easy means of displaying, storing and replying to text and dispatch messages without voice communication, the EchoLDX improves productivity and communication across the fleet.

Packaged in a lightweight, rugged, high-impact plastic enclosure, the display is durable and designed to reduce vibration effects while increasing readability.

Sending and Receiving Text Messages

Utilizing the installed Trimble telematics device to send and receive messages, the EchoLDX allows drivers to easily communicate with dispatch in order to stay informed and more efficient.

The EchoLDX displays free-form text messages sent from dispatch and allows drivers to respond with pre-defined messages to keep dispatchers informed of the vehicle’s status.

When a message is sent to the driver, an audible beep is generated to notify the driver of an incoming message. The beep continues until the driver acknowledges the message by pressing a key on the display.

For reporting, each message sent includes a time and position stamp.

For more information, visit www.trimble.com/TCL
GENERAL SPECIFICATIONS

Screen characters: 320 x 240 pixels LCD, 4 gray levels
Screen size: 3.03" W x 2.28" H (77 mm x 58 mm)

PHYSICAL SPECIFICATIONS

Size: 6.42" W x 3.74" H x 1.06" D (163 mm x 95 mm x 27 mm)
Weight: 0.5 lbs (233 g)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature*: -13ºF to +140ºF (-25ºC to +60ºC)
Storage Temperature: -40ºF to +185ºF (-40ºC to +85ºC)
Humidity: <95% RH non-condensing
Vibration
Random Vibration: IEC 68-2-64
Shock
Non-operational: 50G peak, 11 ms

ELECTRICAL SPECIFICATIONS

Voltage: +8 to +30 VDC
Regulated to +12 VDC by Crosscheck/TVG
Power Consumption: 61 mA @ 12 VDC backlight off
118 mA @ 12 VDC backlight on
Power/Data (Crosscheck): 9.5' (2.9 m)
RJ45 terminal, DB9M Crosscheck
Power/Data (TVG): 10.0' (3.05 m)
RJ45 terminal, Molex Micro-Fit TVG

PERIPHERAL AND I/O

Serial Interface: 1x4 Wire TX, RX, RTS, CTS
1x2 Wire TX, RX
300-115.2k bps
Digital Inputs: 2x Automotive inputs
Digital Outputs: 1x Open Collector
Analog Input: 0V-30V
USB OTG port: 2.0, Low, Full and High
USB Host Port: 2.0, Low, Full and High
1-Wire Interface: Dallas ID memory button support
Memory Card: SD / MMC (SDHC) X133 up to 32GB

CERTIFICATIONS

Standard Compliance: FCC Part 15
CE and CE Safety: E-Mark
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*Note: When operating below +32 ºF (0 ºC), the display response time will be slower.

Specifications subject to change without notice.

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