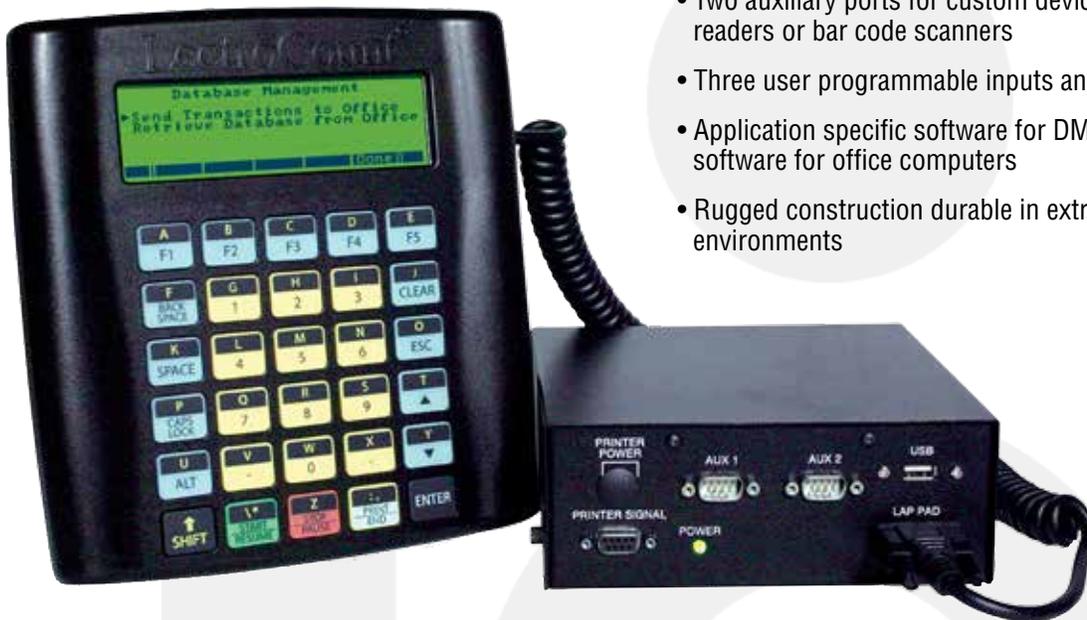


Features & Benefits

- Simultaneous delivery of up to three meter systems
- Two auxiliary ports for custom devices such as card readers or bar code scanners
- Three user programmable inputs and outputs
- Application specific software for DMS and companion software for office computers
- Rugged construction durable in extreme environments



General Information

The DMS is an in-cab data management system designed for fuel delivery vehicles. After each delivery, the DMS gathers the metrological data from the electronic register, combines it with customer and transaction data, and transfers a complete record of delivery activity to your office PC. There are three types of application software available for the DMS, each one tailored to the intricacies of a specific fueling application: DMS Delivery for standard fuel delivery, EZConnect for fleet fueling, and FlightConnect for aviation fueling.

The DMS consists of a computer module and a lap pad interface, both designed for heavy use in severe environments. The DMS CPU is enclosed in a rugged, powder coated steel housing. It includes three programmable digital outputs that can be used to activate injectors, warning lamps, or other devices. Two spare serial ports are also available for accessories, such as, radios or modems for wireless data transmission, GPS trackers, or card readers. The DMS connects directly to LectroCount® LCR, LCR-II, and LCR 600 electronic registers installed in single, dual, or triple meter systems.

The DMS lap pad is a large, hand held, 30-key keypad. The display is 8 lines by 30 characters and backlit for easy viewing. The keypad case is rubberized to resist petroleum products, sealed against moisture, and operates in temperatures as low as -22°F.

DMS computers are preinstalled with two support software programs, LCR Host and LCP File Server, and one or more DMS application software programs. LCR Host is used to setup LCR networks and calibrate the metering system. LCP File Server is a file manager program where operators can maintain and manage files.

Each application software programs comes with a companion middleware program. DMS middleware programs are data formatting and data management programs for office PCs. They format data files from the application software so they can be loaded straight into third party accounting software. They also provide a user-friendly, Windows®-based interface where you can build and manage your operational database.

Specifications - DMS Module

Enclosure

Dimensions: 6⁷/₈" W x 2⁵/₈" H x 7¹/₄" L
 Material: Powder coated steel

Power Consumption

5 A maximum
 60 W (maximum, intermittent)

Microprocessor

133 MHz, 486

Operating Voltage

+9 to 30 VDC

Temperature Rating

-22° to 158°F (-30° to 70°C)

Memory

Internal compact flash memory
 USB flash memory (optional)

Specifications - DMS Lap Pad

Housing

Lightweight, high impact, molded plastic

Keyboard

6 row, 5 column membrane with tactile metal dome switch contacts and silicone rubber overlay

Vibration

2 g between 10-150 sinusoidal sweep cycle
 20 sweep cycles per axis

Housing Rating

NEMA 3, IP54

Electrostatic Discharge

IEC801-2
 8 kV for air discharges
 6 kV for contact discharges

Chemical Protection

Common petroleum products

Supply Current

150 mA maximum

Interface

RS-232 at 115,200 baud rate

Temperature

-22°F to 158°F (-30° to 70°C)

Electromagnetic Susceptibility

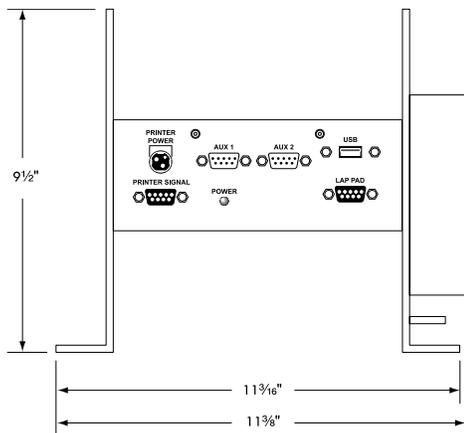
IEC 801-3
 3 V/m 26-500 MHz
 1 V/m 500-1000 MHz

Display

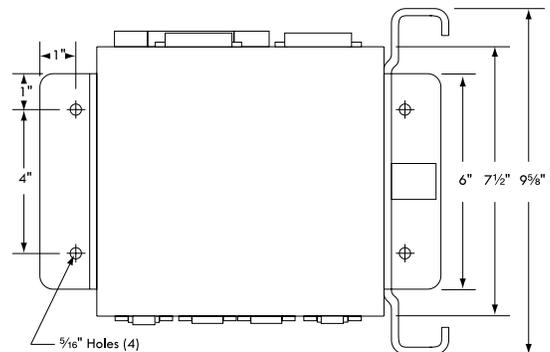
LCD, dot matrix, 240 x 64 pixels, backlit, 5.2" W, 1.55" H; 8 rows, 30 characters per row

Dimensions, Terminals, Ports, and Connections

FRONT VIEW



TOP VIEW



Consult the factory when certified engineering drawings are required. Dimensions shown are not suitable for construction or modifications

