LED Double-Line Message Centers

6 to 64 Characters

EDV111 Series

These double-line, tri-color models are a ready-to-run indoor message sign board. Using 5mm Super bright tri-color LEDS, it can store up to 100 messages or a total length of characters not to exceed 7000. Ideal to display production numbers, employee messages and lean manufacturing data. Multi-color message centers let you specify red, green and yellow characters or any combination of these to get you message across. Ideal to promote your business, safety messages, employee messages and more.

Communication Options

1) **Ethernet IP**

Sample Add On Instructions Provided. At this time only Allen Bradley CompactLogix and ControlLogix PLC CPUs that use RS Logix 5000 software are supported. Sample projects can be downloaded from the Electronic Displays, Inc. website. Allen Bradley Micrologix, SLC500 or PLC5 PLC CPUs are **NOT supported** using RS Logix 500 software. Please refer to the ASCII protocol manual for examples. Typically, you will need to connect the serial port from the PLC directly to the LED sign using the DF1 channel 0 port with these types of PLCs.

Add-on instructions provided are used to make ladder logic based programming very easy. These set of AOIs can be imported into your project and reused in ladder flow.

2) **Ethernet Interface**

All EDI models are available with high speed Ethernet TCP/IP communication interface in addition to RS232 and RS422/485 communication ports. This interface allows the marquee to reside on a 10/100 Mbps TCP/IP network (10 Base/100 Base T Ethernet) via an RJ45 port. Use Ethernet models for easy networking of the EDI marquees with 100 meters being the maximum distance between two nodes. For distances greater than 100 meters repeaters can be used to extend the distance between any two nodes.
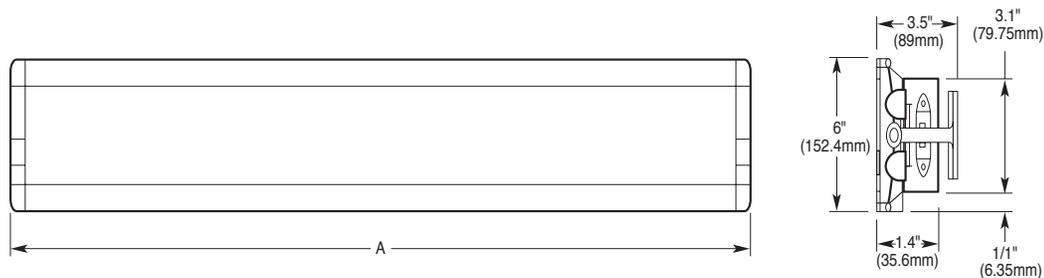
FEATURES

- PLC Interface - Sample AOI's Provided
- EthernetIP Ready
- Bright, Multicolor Display w/ ASCII Protocol To Incorporate Into Existing Software
- 15 Foot, RS232 Data Cable
- 12 Foot, 120VAC Power Plug
- 160 Degree Viewing Angle
- Mounting Brackets
- Complete Instructions
- Factory Service One-Year Warranty on Parts and Labor
- Unlimited Technical Phone Support

MESSAGE CENTERS & ANNUNCIATORS

TECHNICAL INFORMATION

3.5" (89mm)
3.1" (79.75mm)
6" (152.4mm)
1.4" (35.6mm)
1/1" (6.35mm)
A

Part. No.	EDV111-1680-MC	EDV111-16128-MC	EDV111-16160-MC	EDV111-16240-MC	EDV111-16320-MC
Dimension A	26" (660.4mm)	40" (1016mm)	52" (1320.8mm)	73" (1854.2mm)	96" (2438.4mm)

Cat. No.	Power	No. of Characters/Line (max.)	Character size / Array	Pixel Size Diameter / Pixel Pitch	Pixel Color	Weight	Max. viewing distance w/largest font*	Message Capacity	Operating Environment	Case Dimensions / Display Dimensions
EDV111-1680-MC	120V AC ± 10% 40 watt max.	One line 8 Two lines 16	One line 4.6" Two line 2.0" Array 80 x 16 pixels	.2" (5mm) .3" (7.68mm)	8 colors and 5 rainbow effects	15 lbs.	200 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	26"L 3"D 6"H/ 4.7"H 24.4"L
EDV111-16128-MC	120V AC ± 10% 40 watt max.	One line 12 Two lines 24	One line 4.6" Two line 2.0" Array 120 x 16 pixels	.2" (5mm) .3" (7.68mm)	8 colors and 5 rainbow effects	20 lbs.	200 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	40"L 3"D 6"H/ 4.7"H 38.4"L
EDV111-16160-MC	120V AC ± 10% 40 watt max.	One line 16 Two lines 32	One line 4.6" Two line 2.0" Array 160 x 16 pixels	.2" (5mm) .3" (7.68mm)	8 colors and 5 rainbow effects	25 lbs.	200 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	52"L 3"D 6"H/ 4.7"H 50.4"L
EDV111-16240-MC	120V AC ± 10% 50 watt max.	One line 24 Two lines 38	One line 4.6" Two line 2.0" Array 240 x 16 pixels	.2" (5mm) .3" (7.68mm)	8 colors and 5 rainbow effects	30 lbs.	200 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	73"L 3"D 6"H/ 4.7"H 70.4"L
EDV111-16320-MC	120V AC ± 10% 100 watt max.	One line 32 Two lines 64	One line 4.6" Two line 2.0" Array 320 x 16 pixels	.2" (5mm) .3" (7.68mm)	8 colors and 5 rainbow effects	35 lbs.	200 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	96"L 3"D 6"H/ 4.7"H 94.4"L

*Seven fonts available including wide, bold and international character sets.