

LED Multi-Line Message Centers

Up to 4 lines of Text

8 to 64 Characters

EDV111 Series



These multi-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

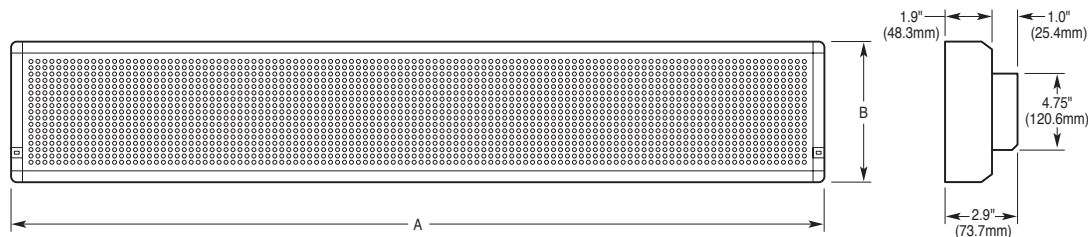
All EDI models are available with high speed Ethernet TCP/IP communication interface in addition to RS232 and RS422/485 communication ports. This interface allows the marquee to reside on a 10/100 Mbps TCP/IP network (10 Base/100 Base T Ethernet) via an RJ45 port. Use Ethernet models for easy networking 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



TECHNICAL INFORMATION



Part. No.	EDV111-2480-MC	EDV111-24128-MC	EDV111-24160-MC	EDV111-24240-MC	EDV111-24320-MC
Dimension A	26" (660.4mm)	40" (1016mm)	49" (1244.6mm)	73" (1854.2mm)	96" (2438.4mm)
Dimension B	8.5" (215.9mm)	8.5" (215.9mm)	8.5" (215.9mm)	8.5" (215.9mm)	8.5" (215.9mm)

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
EDV111-2480-MC	120V AC ± 10% 40 watt max.	One line 8 Two line 7 Three line 14 Four line 16	1 line 4.4"/7.0" 2 line 3.0" 3 line 2.0" 4 line 1.4" Array 24 x 80 pixels	.2" (5mm) .08" (20mm)	8 colors and 5 rainbow effects	13 lbs.	350 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	26"L 3"D 8.5"H/ 7.1"H 24.4"L
EDV111-24128-MC	120V AC ± 10% 40 watt max.	One line 13 Two line 10 Three line 19 Four line 24	1 line 4.4"/7.0" 2 line 3.0" 3 line 2.0" 4 line 1.4" Array 24 x 120 pixels	.2" (5mm) .08" (20mm)	8 colors and 5 rainbow effects	19 lbs.	350 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	40"L 3"D 8.5"H/ 7.1"H 38.4"L
EDV111-24160-MC	120V AC ± 10% 40 watt max.	One line 19 Two line 15 Three line 28 Four line 32	1 line 4.4"/7.0" 2 line 3.0" 3 line 2.0" 4 line 1.4" Array 24 x 160 pixels	.2" (5mm) .08" (20mm)	8 colors and 5 rainbow effects	25 lbs.	350 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	49"L 3"D 8.5"H/ 7.1"H 47.4"L
EDV111-24240-MC	120V AC ± 10% 50 watt max.	One line 26 Two line 20 Three line 38 Four line 48	1 line 4.4"/7.0" 2 line 3.0" 3 line 2.0" 4 line 1.4" Array 24 x 240 pixels	.2" (5mm) .08" (20mm)	8 colors and 5 rainbow effects	31 lbs.	350 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	73"L 3"D 8.5"H/ 7.1"H 71.4"L
EDV111-24320-MC	120V AC ± 10% 100 watt max.	One line 38 Two line 30 Three line 56 Four line 64	1 line 4.4"/7.0" 2 line 3.0" 3 line 2.0" 4 line 1.4" Array 24 x 320 pixels	.2" (5mm) .08" (20mm)	8 colors and 5 rainbow effects	37 lbs.	350 ft.	100 different messages can be stored & displayed, 28,000 characters	32-120°F 0-95% relative humidity non-condensing	96"L 3"D 8.5"H/ 7.1"H 94.4"L

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

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