

# Remote BIG Display



57 and 101 mm (2.25 and 4")  
Displays Available!

iLD-C2 and iLD-EI Series

**Product Discontinued**

as of 2/1/2018

- ✓ BIG Bright LEDs  
4 or 6-Digits
- ✓ Program to Change Colors:  
**RED, AMBER, GREEN**
- ✓ RS232 or RS485 Input
- ✓ Ethernet Input
- ✓ RoHS 2 Compliant



Meters shown smaller than actual size.

The "Serial RS232 BIG Remote Display" (iLD-C2) are 4 or 6 digit slave displays providing remote readout from instruments such as programmable controllers, digital panel meters and other instruments with serial output. Two communication interfaces are supported in Remote Display: RS232 and RS485 and can be programmed through front panel buttons.

The iLD-C2 can display data transmitted via serial communications from a computer, or from other devices which transmit ASCII data via RS232 and RS485. These BIG Displays are compatible with virtually all OMEGA® devices that feature serial communications including: iSeries meters and controllers, DP41 digital panel meters, MICROMEGA® controllers, iDRX DIN-RAIL mounted signal conditioners, and many more.

The "Ethernet BIG Remote Display" (iLD-EI) are 4 or 6-digit slave displays providing remote readout from instruments with an Ethernet output or display data from a computer.

The iLD-EI can display data transmitted via Ethernet from Omega instruments that have an Ethernet output option, (iSeries with -EI). You can tunnel or display the same data from a computer using telnet. Any two units with Ethernet option (iSeries with -EI or iServer) can talk to each other over the Ethernet LAN, WAN, and Internet using TCP/IP protocol. This allows the connected serial devices to an iServer to communicate with each other back and forth over TCP/IP networks.

### Programmable Color Display

The iLD-C2 and iLD-EI feature BIG bright 7-segment LED's that can be programmed to change colors between **RED, AMBER, and GREEN** to indicate visual alarms. In the "slave" mode, the BIG remote displays can be used for displaying alphanumerical characters from a computer using serial connection (iLD-C2) or Telnet (iLD-EI). Compatible Host device must feature serial RS232 or RS485 output.

The BIG Display can be mounted flush in a panel or surface mounted with the included brackets. The entire BIG Display enclosure provides NEMA 4 (IP65) protection. Whether panel-mounted or surface-mounted, the BIG Display does not need to go inside a bulky and expensive NEMA enclosure.

### Ethernet Input (Model EI)

**Temperature Stability:** 50 ppm/°C  
**Alarm:** Alarm 1 and 2 programmable, latch/unlatch, high, low, high/low  
**Standards Compliance:** IEEE 802.3, 10 Base-T  
**Supported Protocols:** TCP/IP, ARP, HTTPGET

**Network Interface:** 10 Base-T port (RJ45 connector)

**Socket Port Number:** 1000, 2000

**HTTP Port Number:** 80

### Serial Communications Input (Model C2)

**Temperature Stability:** 50 ppm/°C

**Alarm:** Alarm 1 and 2 programmable, latch/unlatch, high, low, high/low

**Communication Standard:** RS-232/RS-485

**Transfer Speed (Baud Rate):** 300, 600, 1200, 2400, 4800, 9600, 19200 bps

### Data Format:

**7O1-7 Bit:** Odd, 1 stop bit

**7E1-7 Bit:** Even, 1 stop bit

**8N1-8 Bit:** No parity, 1 stop bit

### General

#### Power:

100 to 240 Vac ±10%, 50/60 Hz, 22.5 W

**Environmental Conditions:** 0 to 40°C (32 to 104°F), 90% RH non-condensing

**Protection:** NEMA 4 (IP65) front bezel

#### Dimensions

**iLD24:** 289 L x 137 W x 73 mm D (11.75 x 5.375 x 2.875")

**iLD26:** 394 L x 137 W x 73 mm D (15.50 x 5.375 x 2.875")

**iLD44:** 480 L x 211 W x 95 mm D (18.11 x 8.31 x 3.76")

**iLD46:** 642 L x 211 W x 95 mm D (25.26 x 8.31 x 3.76")

## To Order

| Basic Model | Description   |
|-------------|---|
| iLD24-C2    | 57 mm (2.25") 4-digit display with RS232 or RS485 input |
| iLD44-C2    | 101 mm (4") 4-digit display RS232 or RS485 input        |
| LD26-C2     | 57 mm (2.25") 6-digit display with RS232 or RS485 input |
| iLD46-C2    | 101 mm (4") 6-digit display with RS232 or RS485 input   |
| iLD24-EI    | 57 mm (2.25") 4-digit display with ethernet input       |
| iLD44-EI    | 101 mm (4") 4-digit display with ethernet input         |
| iLD26-EI    | 57 mm (2.25") 6-digit display with ethernet input       |
| iLD46-EI    | 101 mm (4") 6-digit display with ethernet input         |

**Ordering Example:** iLD24-C2, large 57.2 mm (2.25") 4-digit remote display.