

OP6000

Z-World's OP6100, OP6200, and OP6300 operator interfaces are ideal for applications requiring users to enter commands or data, read messages, or monitor system functions. Each operator interface connects directly to Z-World controllers that offer LCD or PLCBus™ ports.

Once connected to a Z-World controller, the interfaces are configured using Z-World's Dynamic C® software development system (see page 60). Dynamic C® provides all software drivers necessary to scan keypads, display messages and create graphics. A keypad overlay allows easy creation of custom keypad legends.

The 3 operator interfaces differ in keypad and LCD size and type. The OP6100 offers a 4x20 character LCD and a 4x6 keypad. The OP6200 offers a 4x40 character LCD and a 4x10 keypad. The OP6300 provides a 240x64 graphics LCD and a 4x10 keypad. Optional enclosures and LCD backlighting are available for some models.

If a custom user interface is needed, individual interface components are available for purchase. Individual components include LCDs, keypads, and controller boards.



OP6300



OP6100 with 4x6 keypad, 4x20 LCD and optional enclosure

Specifications for OP6000 Series:

| | OP6100 | OP6200 | OP6300 |
|------------------------|--|---------------------------|---------------------------|
| Operating temp. | 0°C to +50°C | 0°C to +50°C | 0°C to +50°C |
| Humidity | 5% to 95%, non-condensing | 5% to 95%, non-condensing | 5% to 95%, non-condensing |
| Input voltage, current | 5V, 32mA | 5V, 68mA | 5V, 100mA |
| Panel size | 4.95W × 6.5H | 7.1W × 8.1H | 7.1W × 8.1H |
| LCD type | 4x20 character (backlit version is OP6110) | 4x40 character | 240x64 pixel, graphic |
| LCD Viewing Area | 3.0 x 1.0 | 5.8 × 1.15 | 5.2 × 1.54 |
| Character size | 0.12 x 0.16 | 0.11 × 0.17 | — |
| Keypad size | 4x6, tactile | 4x10, tactile | 4x10, tactile |
| Optional Enclosure | 5.3 x 6.83 x 2.32 | 7.44 x 8.44 x 3.05 | 7.44 x 8.44 x 3.05 |

Accessories and Components

Small Enclosure for OP6100 and OP6110
 Large Enclosure for OP6200 and OP6300

Individual Components

Character LCD/Keypad controller
 Graphic LCD/Keypad controller

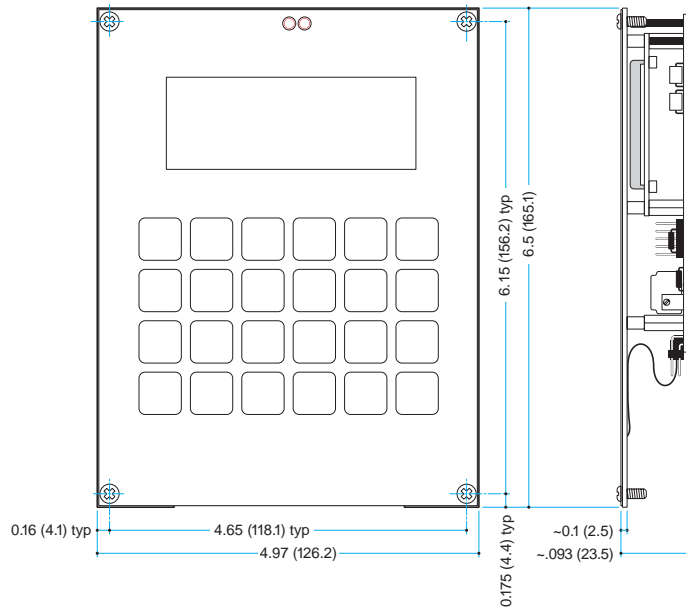
4x20 character LCD
 4x20 character Backlit LCD
 4x40 character LCD
 240x64 graphics LCD

Small Panel (4.95"W×6.5"H) includes 4x6 keypad and mounting hole for 4x20 LCD

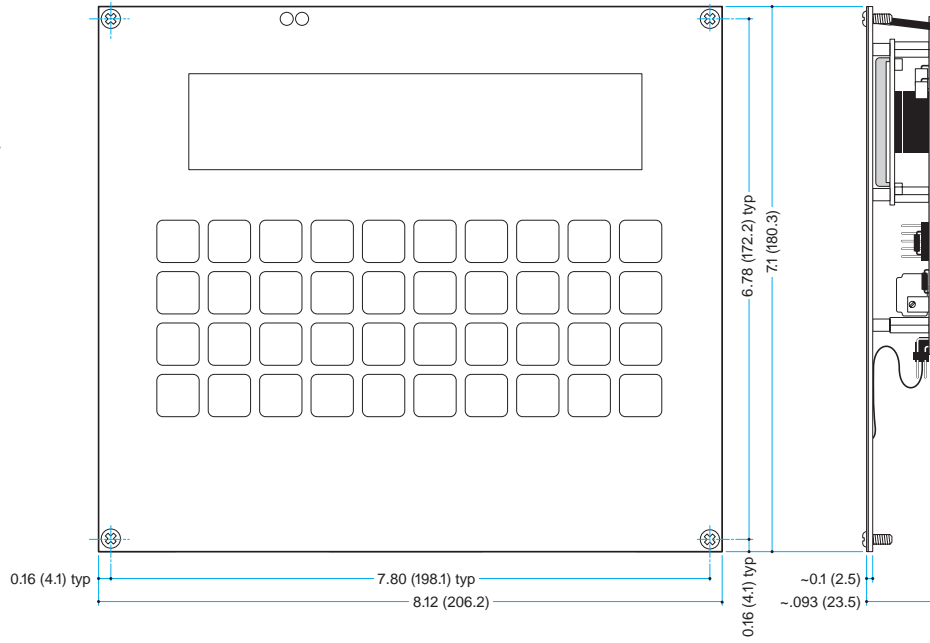
Large Panel (8.1"W×7.1"H) includes 4x10 keypad and mounting hole for 4x40 LCD

Large Panel (8.1"W×7.1"H) includes 4x10 keypad and mounting hole for 240x64 graphics LCD

OP6100 Dimensions



OP6200 Dimensions



OP6300 Dimensions

