

ezLCD-304

Get your project up and running in hours, not days!

The AMAZING third generation ezLCD-3xx intelligent, all-in-one, touchscreen technology. Highly functional, very flexible, cost-effective alternative to buttons, switches, character modules, STN displays, or more complex graphical reflective touch displays.

Earth Computer Technologies, Inc is a maker of industrial LCDs and embedded products including the award winning ezLCD technology from EarthLCD, the recognized leader in smart touch LCDs.



4.3" Smart, Touchscreen, Color LCD

Its simple ASCII command driven operation with a free serial terminal program (included) helps to kickstart your GUI project.

Develop your product in the EarthSEMPLE language (Simple Embedded Macro Programming Language). The BASIC-like command set the command set is easy to use and intuitive.

The ezLCD-3xx includes a multitude of fonts, images, and sample macros. Additionally, the following widgets are included: analog meter, buttons, checkbox, dial, radio button, slider, and more.

The ezLCD-3xx interfaces with any micro-controller, including Arduino, and can be easily programmed via a USB development cable (sold separately) and your own computer. For simple projects, use i/o interfaces on the ezLCD as a standalone controller!

Quantity pricing available.

Product Specifications

- 4.3" Color, TFT LCD
- 480 x 272 resolution
- 65,536 colors (16 Bit)
- 400 Nit Brightness - LED backlight
- 500:1 Contrast Ratio
- Integrated four-wire resistive touchscreen
- Powerful 16-bit micro-controller
- 4 Mb flash memory for storing fonts, bitmaps, and macros
- USB 2.0 and serial TTL interfaces
- Flush-mount sheet metal mounting bracket
- Overall dimensions: 5.31 x 2.91 x .815 inches
- 3.3V operating voltage
- Extremely low power - Draws less than 100mA
- -20 to 70C operating temperature
- RoHS compliant
- EarthSEMPLE (simple embedded macro programming language)
- Operating Systems: Windows 7, XP, Linux, and OSX
- Use as a graphic client or as a stand alone controller
- Options: USB development cable, panel mount bezel, engineering development kit