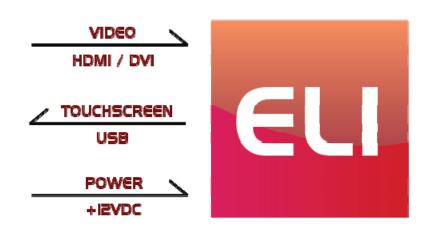# Easy LCD Interface

A Plug-and-Play Family of Intelligent Touch Screen Displays for use with your Single Board Computer

Plug and Play Embedded Display

- Works with most Single Board Computers

- Multiple screen sizes and touch screen options

- 10+ year channel life

- Plug-and-play, only 3 connections:

    - HDMI

    - USB

    - Power

VIDEO
HDMI / DVI

TOUCHSCREEN
USB

POWER
+12VDC

FDI

ELI Family

- Family of products in sizes from 4.3" to 15.0"

- Plug and play units are interchangeable for easy upgrades

- SBC display customers who don't want to design with bare glass

- ELI can be quickly customized for specific applications

Target Customers & Applications

- Customers using Linux or Windows Operating Systems

- Users of Single Board Computers like Raspberry Pi, BeagleBone Black, Linux, Android, i.MX or Intel… any SBC with an HDMI output.

- Low cost, plug-and-play solution, so simple to use

- Avoid NRE and shorten your design cycle with ELI

Compatible With:

Availability and Support

- ELI is the **Easy LCD Interface**

- Supported by our US based team of engineers
  - Also Distribution FAE's and Display Specialists

- Stocked at four fully franchised distributors

ELI43-Cx Commercial Series

- 4.3" WQVGA Plug and Play Solution

- Brightness up to 470 nits (typ)

- Viewing Angles of 70/50/70/70° U/D/L/R

- Operating temp range -20 to +70 C

- Cost effective solution

- Two touch screen options:

    ELI43-CP   PCAP touch screen,

    ELI43-CR   4-wire resistive touch screen,

FDI

ELI70-CR

- 7.0" WVGA Plug and Play Solution

- Cost effective commercial version

- Brightness 250 nits

- 500:1 Contract Ratio

- Viewing Angles of 60/70/70/70° U/D/L/R

- Operating temp range -20 to +70 C

- 4-wire resistive touch screen

FDI

ELI70-IxHW Rugged HB Series

- 7.0" WVGA Plug and Play Solution

- High Bright Displays up to 800 nits

- IPS Viewing Angles of 85° in every direction

- Wide -30 to +80 C operating temp range

- Automotive grade display for shock and vibration

- Three touch screen options:

  ELI70-IPHW   PCAP touch screen

  ELI70-IRHW   4-wire resistive touch screen,

  ELI70-INHW   no touch screen,

ELI101-CxW Series

- 10.1" WXGA (1280x800) Plug and Play Solution

- IPS Viewing Angles of 85° in every direction

- Brightness 240 nits

- 800:1 Contrast Ratio

- Operating temp range 0 to +50 C

- Two touch screen options:

  ELI101-CPW   PCAP touch screen,

  ELI101-CNW   no touch screen,

ELI121-CxW Series

- 12.1" XGA (1024x768) Plug and Play Solution

- Wide MVA Viewing Angles of 70/70/80/80° U/D/L/R

- Brightness 425 nits

- 700:1 Contrast Ratio

- Operating temp range -30 to +70 C

- Three touch screen options:

  ELI121-CPW   PCAP touch screen,

  ELI121-CRW   4-wire resistive touch screen,

  ELI121-CNW   no touch screen,

FDI