4-inch Enclosed Unit

A metal enclosure houses an SLCD board, industrial 12-24 DC input power supply, backlight drive, and panel. Two-part screw-type Phoenix connectors are used for power and communications. The units support both RS232 and RS485 / RS422 interfaces. The enclosure can be easily mounted in a panel, using a rectangular cutout and drilled mounting holes. A compression gasket provides an effective waterproof seal for NEMA 4 requirements (indoor/outdoor applications protected from windblown dust, rain, or hose-directed water).

The 4-inch LG Philips unit features:

- Wide viewing angle TFT panel.

- Resistive touch screen.

- Full polycarbonate overlay screen protection.

- USB device port for additional flexibility.

- Two RS232 ports.

- Perfect for industrial and medical control surfaces.

- Powered by the SLCD6 controller.

How to Get Started

To get started with a 4-inch enclosed unit order product number 50-0101-1X which includes connectors and comes with a CD that contains utility software, sample images, and sample code. Order the optional Enclosed Unit Accessory Kit product number 42-0082-01 for a DB9 data cable and power supply.

Visit our, "How can I get started?" webpage, call 510-770-1417, or email sales@reachtech.com for more information or to order.

4-inch LP Philips Enclosed Unit front view

Product Specifications

Product Part Number	50-0101-1X
Reach Board Model	SLCD6
Display Manufacturer	LG Philips
Display Size and Type	4" TFT
Colors	256/65,536
Display Viewing Area (mm)	25 (H) x 33.1(W)
Horizontal Viewing Angle (degrees)	130 (typ.)
Vertical Viewing Angle (degrees)	50 (Top) 65 (Bottom) (typ.)
Screen Resolution	320x240
Screen Type	QVGA
Display Brightness (cd/m2)	350 (typ.), with touch
Touch Panel Type	Resistive
Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 85°C
Supply Voltage	12-24VDC±10%
Power Requirement	6W max.
Interface Connector	Two part Phoenix type
Serial Interface	RS232 / RS485
Backlight Display	CCFL
Number of Serial Ports	3
USB Port	Yes
SD Card Slot	No
Microprocessor	16/32 bit CISC
Flash Memory	4MB
RoHS	Yes