

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 Phillips 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 50-0101-01 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.

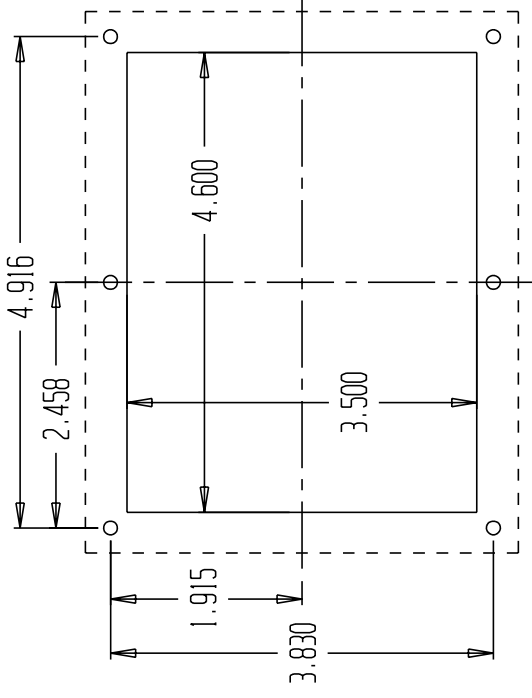
Visit our, "How can I get stated?" webpage, call 510-770-1417, or email sales@reachtech.com for more information or to order.



4-inch LP Phillips Enclosed Unit front view

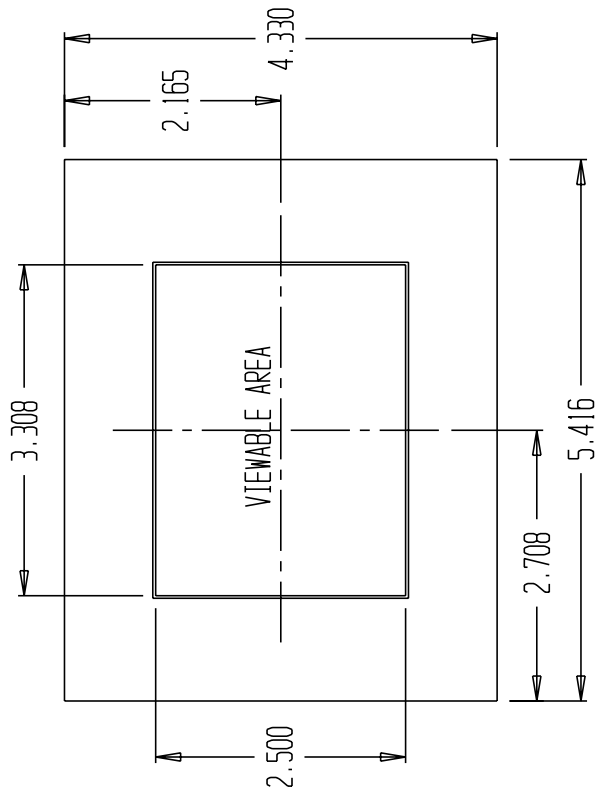
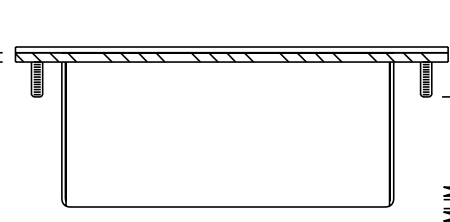
Product Specifications

Product Part Number	50-0101-01
Reach Board Model	SLCD6
Display Manufacturer	LG Phillips
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

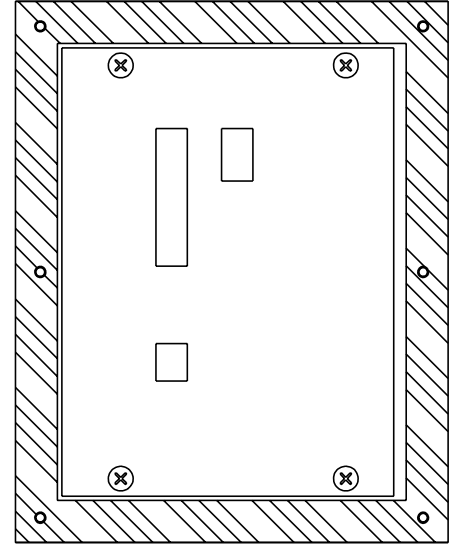


MOUNTING HOLE DIMENSIONS

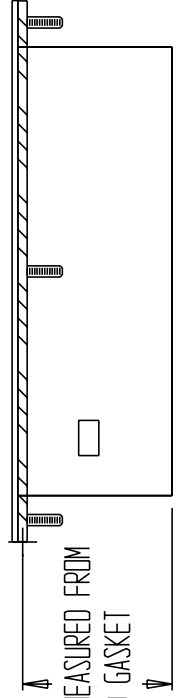
GASKET THICKNESS
UNCOMPRESSED .092
COMPRESSED .047



VIEWABLE AREA



BACK VIEW



1.495 AS MEASURED FROM COMPRESSED GASKET

APPROVALS	DATE
DRAWN D. PEYTON	05/08/07
CHECKED	
DESIGN	
PROJ MGR	
MFG	
QC	
DO NOT SCALE DRAWING	



NEMA 4 INCH SILCO ENCLOSURE

SIZE	SCALE	PART NO.	REV.
C	1/1	42-0110	1
FILE NAME			SHEET
			1 OF 1

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