

5.7" High Resolution 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 5.7-inch high resolution unit features:

- VGA resolution (640x480), wide viewing angle, high-brightness TFT display panel.
- Designed especially for medical and industrial equipment.
- SD memory card slot for added flexibility.
- High-efficiency LED backlighting.
- LCD conforms to an industry standard form factor specifically chosen for multi-sourced long lifetime availability.
- Steel bracket makes display easy to mount.
- Powered by the SLCD5+ controller.

Get Started with a Development Kit

To get started order product number 50-0105-1X 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 www.reachtech.com, call 510-770-1417, or email sales@reachtech.com for more information.

Reach reserves the right to make changes in design or specification at any time and without notice.



5.7-inch High Resolution Enclosed Unit, front view

Product Specifications

Product Part Number	50-0105-1X
Reach Board Model	SLCD5+
Display Manufacturer	SGD
Display Size and Type	5.7" TFT
Colors	65,536
Display Viewing Area (mm)	86.4 (H) x 115.2 (W)
Horizontal Viewing Angle (degrees)	130 (typ.)
Vertical Viewing Angle (degrees)	50 (Top) 65 (Bottom) (typ.)
Screen Resolution	640x480
Screen Type	VGA
Display Brightness (cd/m²)	700 (typ.), with touch
Touch Panel Type	Resistive
Operating Temperature	-20°C to 70°C
Storage Temperature	-30°C to 80°C
Supply Voltage	12-24VDC±10%
Power Requirement	3.85W max.
Interface Connector	Two part Phoenix type
Serial Interface	RS232 / RS485
Backlight Display	LED
Number of Serial Ports	2
USB Port	No
SD Card Slot	Yes
Microprocessor	266MHz
User Flash Memory	28MB
RoHS	Yes