

8.4-inch NEC Enclosed Unit

A metal enclosure houses an serial LCD board, industrial 12 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 8.4-inch NEC unit features:

- Wide viewing angle panel.
- Designed especially for medical and industrial equipment.
- Resistive touch screen.
- SD memory card slot for added flexibility.
- Incorporates NEC industrial panel designed for applications that demand long availability.
- Powered by the SLCD5+ controller.

Get Started with a Development Kit

To get started with an 8.4" enclosed unit order product number 50-0105-0X 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.

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



8.4-inch NEC Enclosed Unit front view

Product Specifications

Product Part Number	50-0105-0X
Reach Board Model	SLCD5+
Display Manufacturer	NEC
Display Size and Type	8.4" TFT
Colors	65,536
Display Viewing Area (mm)	128.2 (H) x 170.9 (W)
Horizontal Viewing Angle (degrees)	160 (typ.)
Vertical Viewing Angle (degrees)	80 (Top) 60 (Bottom) (typ.)
Screen Resolution	640x480
Screen Type	VGA
Display Brightness (cd/m2)	360 (typ.), with touch
Touch Panel Type	Resistive
Operating Temperature	-20°C to 70°C
Storage Temperature	-30°C to 70°C
Supply Voltage	12-24 VDC±10%
Power Requirement	900mA 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 ARM
User Flash Memory	28MB
RoHS	Yes