

## 8.4-inch NEC Display Module

This module make integration easy. Each unit comes with an LCD, controller board, backlight driver, and touch screen, integrated and ready to go. The module form factor is designed to ensure long-term product availability.

The 8.4-inch NEC unit features:

- Wide viewing angle TFT panel.
- Designed especially for medical and industrial equipment.
- Available with or without resistive touch.
- SD memory card slot for added flexibility.
- Incorporates NEC industrial panel designed for applications that demand long availability.
- Steel mounting bracket makes display easy to mount.
- Powered by the SLCD5 controller.
- High-brightness panel option available.

For panel specifications, controller and software reference manuals, and other resources visit the Reach Download Center ([www.reachtech.com/support/downloads/](http://www.reachtech.com/support/downloads/)).

### Get Started with a Development Kit

To get started with a 8.4" development kit order product number 52-0102-01 which includes module, cables, sample images, sample code, power supply, and technical support.

Visit our, "How can I get stated?" webpage, call 510-770-1417, or email [sales@reachtech.com](mailto: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 Display Module front view

### Product Specifications

<b>Product Part Number</b>	51-0102-11
<b>Reach Board Model</b>	SLCD5
<b>Display Manufacturer</b>	NEC
<b>Display Size and Type</b>	8.4" TFT
<b>Colors</b>	65,536
<b>Display Viewing Area (mm)</b>	128.2 (H) x 170.9 (W)
<b>Horizontal Viewing Angle (degrees)</b>	160 (typ.)
<b>Vertical Viewing Angle (degrees)</b>	80 (Top) 60 (Bottom) (typ.)
<b>Screen Resolution</b>	640x480
<b>Screen Type</b>	VGA
<b>Display Brightness (cd/m2)</b>	360* (typ.), with touch
<b>Touch Panel Type</b>	Resistive
<b>Operating Temperature</b>	-20°C to 70°C
<b>Storage Temperature</b>	-30°C to 70°C
<b>Supply Voltage</b>	12VDC±10%
<b>Power Requirement</b>	900mA max.
<b>Interface Connector</b>	Molex 53261 series
<b>Serial Interface</b>	RS232 / 3.3V CMOS
<b>Backlight Display</b>	CCFL
<b>Number of Serial Ports</b>	2
<b>USB Port</b>	No
<b>SD Card Slot</b>	Yes
<b>Microprocessor</b>	200 MHz ARM (32 bit)
<b>Flash Memory</b>	4MB/11MB (SD card)
<b>RoHS</b>	Yes

\*High brightness option available.