

## 7-inch High Brightness Display Module

Modules make integration easy. Each unit comes with an LCD, controller board, backlight driver, and touch screen, integrated and ready to go. The 7-inch SGD display module 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 SGD industrial panel designed for applications that demand long availability.
- Steel mounting bracket makes display easy to mount.
- Powered by the SLCD5+ controller.

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 7-inch development kit: order product number 52-0104-5X which includes module, cables, sample images, sample code, power supply, and technical support.

Visit our, "How can I get started?" webpage, call 510-770-1417 x1, 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.



7-inch High Brightness, SGD Module, front view

### Product Specifications

<b>Product Part Number</b>	51-0103-5X
<b>Reach Board Model</b>	SLCD5+
<b>Display Manufacturer</b>	SGD
<b>Display Size and Type</b>	7" TFT
<b>Colors</b>	65,536
<b>Display Viewing Area (mm)</b>	152.4(H) x 91.44 (W)
<b>Horizontal Viewing Angle (degrees)</b>	130 (typ.)
<b>Vertical Viewing Angle (degrees)</b>	55 (Top) 65 (Bottom) (typ.)
<b>Screen Resolution</b>	800x480
<b>Screen Type</b>	WVGA
<b>Display Brightness (cd/m<sup>2</sup>)</b>	800 (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 80°C
<b>Supply Voltage</b>	5VDC±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>	LED
<b>Number of Serial Ports</b>	2
<b>USB Port</b>	No
<b>SD Card Slot</b>	Yes
<b>Microprocessor</b>	266MHz ARM
<b>User Flash Memory</b>	28MB
<b>RoHS</b>	Yes