

## 5.7" Ampire 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 and dustproof seal. Contact us if you have NEMA 4 requirements.

The 5.7-inch Prime View unit features:

- High-brightness TFT panel.
- High-efficiency LED backlighting.
- Resistive touch screen.
- USB device port for additional flexibility.
- Two RS232 serial ports.
- Perfect for industrial and medical control surfaces.
- Powered by the SLCD6 controller.

### How to Get Started

To get started with a 5.7-inch enclosed unit, order product number 50-0101-41 which includes connectors and comes with 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 [Development Kits](#) page, call 408-754-4176, or email [sales@reachtech.com](mailto:sales@reachtech.com) for more information or to order.

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



5.7-inch Ampire Enclosed Unit, front view

### Product Specifications

<b>Product Part Number</b>	50-0101-41
<b>Reach Board Model</b>	SLCD6
<b>Display Manufacturer</b>	Ampire
<b>Display Size and Type</b>	5.7" TFT
<b>Horizontal Viewing Angle (degrees)</b>	120 (typ.)
<b>Vertical Viewing Angle (degrees)</b>	60 (Top) 50 (Bottom) (typ.)
<b>Resolution</b>	QVGA, 320x240, 16-bit
<b>Display Brightness (cd/m2)</b>	700 (typ.), with touch
<b>Touch Panel Type</b>	Resistive
<b>Operating Temperature</b>	-20°C to 70°C
<b>Storage Temperature</b>	-40°C to 70°C
<b>Power Supply Voltage</b>	12-24VDC±10%
<b>Current Requirement</b>	5.5 W max.
<b>Interface Connector</b>	Two part Phoenix type
<b>Serial Interface</b>	RS232 / RS485
<b>Backlight Display</b>	LED
<b>Number of Serial Ports</b>	3
<b>USB Port</b>	Yes
<b>SD Card Slot</b>	No
<b>Processor</b>	16/32 bit CISC
<b>Flash Memory</b>	4MB
<b>RoHS 2</b>	Yes