

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.

Start with a Development Kit

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 503-675-6464 or email sales@reachtech.com for more information or to order.

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5.7-inch Ampire Enclosed Unit, front view

Product Specifications

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