

## 5.7-inch Hitachi 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 seal for NEMA 4 requirements (indoor/outdoor applications protected from windblown dust, rain, or hose-directed water).

*This legacy solution is available for existing customers. The 5.7" Prime View Enclosed is generally recommended for new designs.*

The 5.7-inch Hitachi unit features:

- TFT panel.
- Resistive touch screen.
- Perfect for industrial and medical control surfaces.
- Powered by the SLCD controller.

### How to Get Started

To get started with a 5.7-inch enclosed unit, order product number 50-0006 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](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.



5.7-inch Hitachi Enclosed Unit, front view

### Product Specifications

<b>Product Part Number</b>	50-0006
<b>Reach Board Model</b>	SLCD
<b>Display Manufacturer</b>	Hitachi
<b>Display Size and Type</b>	5.7" TFT
<b>Colors</b>	256
<b>Display Viewing Area (mm)</b>	86.4 (H) x 115.2 (W)
<b>Horizontal Viewing Angle (degrees)</b>	100 (typ.)
<b>Vertical Viewing Angle (degrees)</b>	40 (Top) 80 (Bottom) (typ.)
<b>Screen Resolution</b>	320x240
<b>Screen Type</b>	QVGA
<b>Display Brightness (cd/m2)</b>	280 (typ.), with touch
<b>Touch Panel Type</b>	Resistive
<b>Operating Temperature</b>	-10°C to 70°C
<b>Storage Temperature</b>	-30°C to 70°C
<b>Supply Voltage</b>	12-24VDC±10%
<b>Power Requirement</b>	8.5W max.
<b>Interface Connector</b>	Two part Phoenix type
<b>Serial Interface</b>	RS232 / RS485
<b>Backlight Display</b>	CCFL
<b>Number of Serial Ports</b>	2
<b>USB Port</b>	No
<b>SD Card Slot</b>	No
<b>Microprocessor</b>	16/32 bit CISC
<b>Flash Memory</b>	512K
<b>RoHS</b>	Yes