

8.4" SLCD5+ Enclosed

Part Number: 50-0105-02

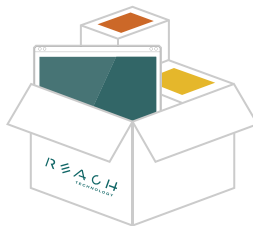
Metal enclosure houses a serial LCD board, industrial 12-24 DC input power supply, backlight drive, and panel. Enclosed units use two-part screw-type Phoenix connectors for power and communications. Enclosures can be easily mounted on a panel, using a rectangular cutout and drilled mounting holes. Compression gasket provides an effective waterproof/dustproof seal. Powered by the SLCD5+ controller it features:

- One RS232 and one RS485/RS422 serial port.
- 266MHz ARM9 Processor. 28MB highly reliable NOR data Flash for user downloadable bitmaps with optional RLE compression.
- Resistive touchscreen.
- Designed for long-term availability with a 10+ year processor life and a multi-sourced, industry standard LCD form factor.
- ESD and EMC results available to ease regulatory compliance testing.

Download mechanical drawings, panel specifications, controller and software reference manuals, and more at reachtech.com/products/touchscreen-display-modules/8-4-modules/50-0105-02/.

Start with a Development Kit

To get started with a 8.4" enclosed unit, contact sales by calling 503-675-6464 or email sales@reachtech.com and order product number 50-0105-02, which includes connectors. Also order the Enclosed Unit Accessory Kit product number 42-0082-01 for a DB9 data cable and power supply.



SLCD5+ Controller

- CPU: 266MHz ARM Processor
- Storage Capacity: 28MB highly reliable NOR data Flash for user downloadable bitmaps with optional RLE compression. SD memory card slot for added flexibility.
- I/O Interface: One RS232 and one RS485/RS422 serial port.
- Audio: Beeper

LCD Display

- Display Type: 8.4" Diagonal TFT Color LCD
- Resolution: 640 x 480 VGA, Full 24-bit Color
- Orientation: Landscape
- Luminance (with touch): Typical 800 (cd/m²)
- Viewing Angles: 80/80 left/right, 80/60 up/down
- Backlight: LED
- Manufacturer: NEC

Touchscreen

- Type: 4-Wire Analog Resistive
- Durability: Over One Million Touches

Dimensions

- 9.80" W x 7.90" H x 1.947" D

Environmental/Regulatory

- Operating Temperature: -20 to 70° C; the LCD temperature range primarily limits this.
- Storage Temperature: -30 to 70° C
- RoHS 2 Compliant: Yes

Power Requirements

- Power Supply Voltage: 12-24VDC±10%
- Power Consumption: Max 900mA

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