



The **8-inch Touch Panel Display** can control up to six Acuity laser sensors and display their distance readings. Using serial communications, this smart terminal includes software applications for calculating thickness and other dimensions without the need for a computer or software programming.

8" Touch Panel Display

Product Description

The Acuity™ 8" Touch Panel Display is a stand-alone industrial PC interface for use with Acuity laser distance sensors. These fully enclosed units replace panel meters, alphanumeric displays and analog controllers by providing a modern interface through a full-color LCD and touch screen.

The Touch Panel Display communicates with up to six Acuity sensors using RS-232 serial interfaces. The touch panel can be easily configured using on-screen buttons to display, scale, and even graph the sensors' distance outputs. Relative dimensions can be measured using a tare function. With two Acuity sensors paired together, the touch panel can serve as a thickness gauge. Limits can be programmed into the touch panel to give a visual warning to operators that the target is too close or too far or too thick or too thin. With a USB flash drive, measurements can be logged and saved for further analysis.

Features/Benefits

- Support for up to six sensors shown on the screen at the same time
- Dual-sensor thickness measurement mode (up to 3 different dual thickness measurement locations)
- Three sensor plane measurement mode
- Visual alerts when measurements are approaching or exceeding desired limits
- Measurement logging and output to a USB drive
- Real-time stream of outputs via RS232 serial connection
- Easy calibration of measurements to match known distances and standards
- Accepts user-defined distance offsets and offers a TARE function through the touch screen interface
- Bright and easy-to-read display can be mounted in industrial panels or in your work area
- Secured Linux OS for security and reliability
- Remote update for latest installation software using an Ethernet connection or a USB drive



Touch Panel Display Specifications

	8" Screen Size
Power Consumption	12V DC / 36W
Dimensions (W x H x D)	236 mm x 190 mm x 51mm
Display Size	122.5 x 163 mm (H X W)
Screen Resolution	800 x 600
Viewing angle (H/V°)	178°/178°
Operating Temperature	-10°C~50°C (ambient with air flow)
Humidity	10% to 95% (Non-Condensing)
Environmental	IP 65 compliant front panel
Weight	N.W. 1.5kg / G.W. 3kg
Input / Output	(6) RS-232 COM port (DB-9 connector), (4) USB, (2) LAN RJ-45, (1) Power switch, (1) Reset button, (1) AT/ATX switch, (1) 12V power jack with adapter
Mounting	Panel, Wall, Stand, Arm, Rack

Touch Panel Display Dimensions (units in mm)



© 2022 Specifications are subject to change without notice
A product line of Schmitt Industries, Inc.
2765 NW Nicolai Street, Portland, Oregon, 97210, USA
Tel: (503) 227-7908 | Fax: (503) 223-1258 | acuitylaser.com