

STU-500 LCD Signature Tablet

Ideal for Stationary Use: Powerful and Robust



The **STU-500** offers a large monochrome display, a generous signing surface that accommodates even the longest signatures, and supports both USB and serial connections. Like other Wacom eSignature LCD tablets, the STU-500 also provides:

Signature Accuracy: The tablet's high sensor resolution and pressure levels produce a clear and true-to-life eSignature.

100% Hand Rejection: Electromagnetic resonance (EMR) is used to capture the movements of the pen, not accidental touches by the hand or finger. EMR ensures that only the intended signature is captured.

User Acceptance: An anti-glare surface and the ability to see your signature as it is captured provide an intuitive signing experience for new users.

Lower Cost of Ownership: A durable signing surface and Wacom's cordless, battery-free pen technology contribute to a lower total cost of ownership.



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- With its attractive, ergonomic design and comfortable signing surface that mimics the feel of signing on paper, the STU-500 is perfect for use at public counters or kiosks. Thanks to its embedded sensor, the STU-500 offers an extended lifetime compared to resistive surface devices.
- The large screen offers the flexibility to display images and text or to incorporate soft keys or menu buttons. By adding relevant information on-screen during signing, such as affirmation text, you can offer your customers an electronic process with greater signing context.
- The STU-500 enables you to capture handwritten electronic signatures thereby eliminating the need for paper.
- The sensor registers relevant biometric information about the signature, such as data coordinates and pen tip pressure levels. The individual pressure profile, the writing rhythm, and the writing speed result in a unique biometric signature.
- No need to worry about the tablet not working because of a damaged tether. The pen can be tethered to prevent loss, but the tether is not required for operation.

Display

Type	Monochrome Reflective LCD
Size	101.76 x 76.32 mm (5.0" diagonal)
Resolution (max.)	640 x 480 pixels
Surface treatment	Textured for anti-glare and pen-on-paper feel

Pen and tablet

Reading method	Electromagnetic Resonance (EMR)
Pen pressure levels	512 levels (not interpolated)
Resolution	2,540 lpi (not interpolated)
Coordinate accuracy	± 0.5 mm (center)
Reading height	5 mm
Battery-free & cordless pen	Yes
Pen tether	Yes
Report rate	200 points/sec (not interpolated)
Pen storage	Integrated pen storage and stand
Data interface	Full speed USB / Serial (optional, serial accessory kit needed)
Power source	USB power / AC adapter (optional, part of the serial accessory kit)

General specifications

Tablet dimensions (W x D x H)	160.0 x 182.5 x 24.6 mm
Weight	0.4 kg
Data cable	USB (1.5 m), included
Power consumption	Less than 1.0 W
Driver	No driver available, integrated in signature applications from leading software vendors; C++, .Net and Java SDK/API available for developers



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