

LCD signature tablet STU-500

Ideal for stationary use: powerful and robust.



STU-500

- **Accurate**
The STU-500 offers high resolution, accuracy and detailed pen pressure information.
- **Superior**
Wacom pen tablet technology enhances the STU-500's performance over traditional pen input systems.
- **Sensitive**
512 real pressure levels, a real data rate of 200 points per second and 2,540 lpi reading resolution.



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- Discover the STU-500 LCD signature tablet by Wacom: a comfortable, professional signature tablet that offers all the advantages of Wacom's pen technology. It enables fast transactions that are also extremely secure: as it registers even minimal deviations in pressure, it generates unmistakable biometric signature profiles, making forgery virtually impossible. But its real strengths show up when you capture signatures: 512 real pressure levels, the paper-like surface and the fast real-time visualisation on its brilliant TFT LCD make you feel like you're signing directly on paper.
- Its 5" screen is wide enough for even long signatures. And you can rest assured that your STU-500 will capture nothing but the signature itself: as its sensor is embedded beneath the display, it will not measure any unintended touch by hand or finger. Thanks to the embedded sensor position and its tempered, anti-glare-coated protection glass, the STU-500 offers greater durability than resistive touch sensors that are not protected against scratching or wear. And it can also work through a protective plastic cover – further enhancing product life.
- The STU-500 has been designed especially for everyday use at public counters or points of sale, which means that it is made to last over millions of operations. Its technology is based on Wacom's long years of experience in designing and manufacturing cordless and battery-less EMR pen-sensing systems. To extend its lifetime, due to the reflective TFT technology no backlight is required, reducing power consumption significantly while providing a much longer lifetime than other displays, which might grow dark after only two years.
- Last but not least: high luminous light transmission is possible. And the pen is tethered to prevent loss – and can be easily stored in the device during transport.

Display

Type	Monochrome Reflective TFT LCD
Size	10.2 x 7.6 cm (diagonale 5")
Resolution (max.)	640 x 480 pixels
Viewing angle (horizontal / vertical)	120°/120°
Surface treatment	Paper-feel surface
Protective screen	Anti-glare treatment and tempering
Other	Real-time visualisation of the signature on screen

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 interfaces	Full speed USB / Serial (optional serial accessory kit needed)
Power management	USB BUS 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
Operating temperature	5° to 35°C
Operating humidity	20% to 80% RH
Storage temperature	-10° to +70°C
Storage humidity	20% to 90% RH
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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