Color LCD Signature Pad
STU-540/STU-541

Signature pads with state-of-the-art encryption providing industry-leading security

Positioned as Wacom's top-of-the-line, in addition to the existing signature pads, STU-540 and STU-541 are 5" color LCD signature pads designed to capture handwritten eSignature with the highest security.

For those who are interested in enhancing their paperless workflows by saving time of transaction, reducing costs of operation and improving customer service more securely, STU-540 and STU-541 are the right solution.

STU-540 | STU-541

- 5 inch (800 x 480 pixels) thin and light, color LCD signature pad
- Hardened cover glass with anti-glare treatment provides a signing surface with natural paper-like feeling
- Easy connection via USB
- VCP mode is supported for virtual computing environment
- Highest-level of security by state-of-the-art encryption
    - TLS (Transfer Layer Security) encryption (STU-540)
    - AES256/RSA2048 encryption (STU-541)
- Serial connectivity is available as an optional extra (STU-540)

Software Development Kit

STU SDK is available for connecting Wacom signature pads with customers application.

Usage

- Input eSignature to confirm transactions or provide consent at a banking counter, retail store, hospital
- Show promotional images and messages when the pad is on stand-by
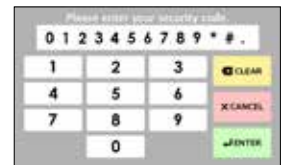- Select currency, a credit card type or transaction type (customizable)

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STU-540/STU-541

BUSINESS SOLUTIONS

Features

- Patented cordless, battery-free pen with 1024 levels of pressure sensitivity to accurately capture the unique signature including biometric data
- The most secure TLS encryption (STU-541) and state-of-the-art RSA/AES encryption (STU-540) to perform secure transactions
- VCP mode is supported to be compatible with Citrix XenDesktop and XenApp v6.5 and later
- Key pad and PIN pad are customizable to any currency or transaction type
- The display can also be used for advertising, promotions or branding logo as well. The pads have internal memory for image storage to serve this function.

General Specifications	STU-540	STU-541
Overall dimensions	163 x 157 x 10 mm (6.41 x 6.18 x 0.39 inch)	
Weight	250 g (0.55 lbs.)	
Main body color	Black	
Power supply	USB bus powered	
Power consumption	2.5W maximum	
Communication interface	USB/RS-232	USB
Protocol modes	USB/VCP/RS-232	USB/VCP

LCD Display

Display type	Amorphous TFT LCD
Cover plate surface	AG etched glass
Screen size	5" (108 x 65 mm)
Native resolution	800 x 480 pixels

Pad and pen

	STU-540	STU-541
Reading technology	Electromagnetic Resonance (EMR)	
Active area	108 x 65 mm (4.25 x 2.56 inch)	
Coordinate resolution	2,540 lpi / 0.01 mm/pt(non-interpolated)	
Coordinate accuracy	± 0.5mm (center)	
Pen report rate	200 points per second (non-interpolated)	
Pen pressure levels	1024 (non-interpolated)	
Encryption	AES256 / RSA2048	TLS

Miscellaneous

Pen storage	Pen compartment
Connectivity security	USB cable locking system
Data security	Real time signature capture without internal pad memory (for images only)
Security lock slot	Yes
Operating temperature, relative humidity	+5°C to +40°C, +41°F to +104°F, (humidity 30% to 80% RH, no condensing)
Storage temperature, relative humidity	-20°C to +60°C, -4°F to +140°F, (humidity 30% to 90% RH, no condensing)
Package Content	Signature pad, cordless and battery-free pen, USB cable (3 m / 9.84 ft), quick start guide, pen tether (nylon fiber, 50 cm / 19.7 inch) Signature pad, pen, USB cable, pen tether, Quick Start Guide
Optional Accessories	Pen, Nibs (5pcs) and removal tool, Hybrid USB cable (3m), Pen tether, Serial Kit (for STU-540)

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