

PRELIMINARY

Thin, robust and secure: STU-530 and STU-430 signature pads

The STU-530 brings colour to counters and check-outs. With its 5" high resolution colour LCD screen, the STU-530 is the ideal signature pad for use at the POS or customer contact point. In addition to capturing handwritten signatures, it can be utilized for branding, marketing or advertising purposes, making it a valid marketing tool also. The Wacom pen can be tethered to the pad to prevent loss. The STU-530 is made for heavy stationary use especially at counters and check-out systems.

The STU-430 is a small and robust, extremely durable signature pad. Its 4.5" monochrome screen is large enough to capture longer signatures as well as to accommodate soft buttons in addition to the signature area. The transfective LCD can easily be read in varying light conditions. A hardened glass surface protects the LCD screen and is highly resistant to scratches. The integrated pen compartment doubles as a USB cable lock to prevent accidental disconnection of the cable.

Both signature pads feature a new thin design and a low profile, flat surface. The new design reflects the market requirements for modern, robust, ergonomic and reliable signature pads. They are equipped with Wacom's patented maintenance-free EMR technology, delivering 1,024 pressure levels. For security, an AES 256 / RSA 2048 data encryption is embedded in the signature pads. Each unit is assigned a unique hardware ID in order to determine the exact unit that was used to capture a particular signature.



STU-530**STU-430****General Specifications**

Dimensions (W x H x D, excluding stand)	161 x 174 x 11 mm	161 x 174 x 11 mm
Weight (including stand)	270 g	270 g
Power supply	via USB, no additional power adapter required	via USB, no additional power adapter required
Power consumption	5W maximum	5W maximum
Communication interface	USB 2.0 (high speed)	USB 2.0 (high speed)
Supported operating systems	Windows® 8, 7, Vista, XP™ (excl. x64 version), Mac OS X 10.6.8 or later	Windows® 8, 7, Vista, XP™ (excl. x64 version), Mac OS X 10.6.8 or later

LCD Screen

Front cover	dark grey	dark grey
Main body colour	black	black
Display type	Amorphous TFT LCD, colour, LED backlight	F-STN positive reflective
Cover plate surface	Tempered anti-glare etched glass with anti-reflective coating	Tempered anti-glare etched glass with anti-reflective coating
Screen diagonal	5.0 inch	4.5 inch
Resolution	WVGA, 800 x 480 pixels	320 x 200 pixels
Viewing angles horizontal/vertical)	140° / 120°	n/a
Colours	True colour (16,7 million colours)	B/W
Luminance (brightness)	200 cd/m ² (typ)	
Contrast ratio	600:1	
Response time		
Backlight lifetime		

Tablet and Pen

Technology	Electromagnetic resonance (EMR)	Electromagnetic resonance (EMR)
Active area	108.0 x 64.8 mm	96.0 x 60.0 mm
Resolution	2.540 lpi (non-interpolated)	2.540 lpi (non-interpolated)
Coordinate accuracy	±0.02 inch / 0.5 mm (center)	±0.02 inch / 0.5 mm (center)
Report rate	200 points per sec. (non-interpolated), 800 4D coordinates	200 points per sec. (non-interpolated), 800 4D coordinates
Pressure levels	1.024 (non-interpolated)	1.024 (non-interpolated)
Reading height	0.2 inch / 5 mm (center)	0.2 inch / 5 mm (center)
Pen storage	Integrated pen compartment	Integrated pen compartment
Encryption	AES 256 bit encryption, RSA 2048 bit key exchange	AES 256 bit encryption, RSA 2048 bit key exchange

Miscellaneous

Graphics card	not needed	not needed
Software	Compatible with signature / E-signing software and Wacom's sign I pro PDF, C++,.Net and Java SDK/API available for developers	Compatible with signature / E-signing software and Wacom's sign I pro PDF, C++,.Net and Java SDK/API available for developers
Package content	Signature pad, cordless and battery-free pen, USB cable, (9.84 ft / 3 m), quick start guide, pen tether (nylon fiber, 19.7 inch / 50 cm)	Signature pad, cordless and battery-free pen, USB cable, (9.84 ft / 3 m), quick start guide, pen tether (nylon fiber, 19.7 inch / 50 cm)
Operating temperature, relative humidity	5 to 40 degrees C, humidity: 30% to 80% RH (non-condensing)	5 to 40 degrees C, humidity: 30% to 80% RH (non-condensing)
Storage temperature, relative humidity	-20 to 60 degree C, Humidity: 30% to 90% RH (non-condensing)	-20 to 60 degree C, humidity: 30% to 90% RH (non-condensing)
Warranty	Depending on region and channel of purchase - please inquire for details	Depending on region and channel of purchase - please inquire for details

