

## 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 1024 pressure levels. For security, an AES 256 bit / RSA 2048 bit 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)	6.35 x 6.86 x 0.42 inch, 161.43 x 174.37 x 10.85 mm	6.35 x 6.86 x 0.42 inch, 161.43 x 174.37 x 10.85 mm
Weight	289 g	279 g
Power supply	via USB, no additional power adapter required	via USB, no additional power adapter required
Power consumption	2.5 W maximum	1.0 W maximum
Communication interface	USB 2.0 (Full-Speed)	USB 2.0 (Full-Speed)
Status LED	Yes, Blue Light	Yes, Blue Light
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 (4.25 x 2.55 inch, 108.0 x 64.8 mm)	4.5 inch (3.77 x 2.36 inch, 96.0 x 60.0 mm)
Resolution	800 x 480 pixels, WVGA	320 x 200 pixels
Pixel pitch H/V	0.053 x 0.053 inch, 0.135 x 0.135 mm	0.118 x 0.118 inch, 0.300 x 0.300 mm
Viewing angles (horizontal / vertical)	140° / 140°	- / -
Colours	True colour (16,7 million colours)	B/W
Luminance (brightness)	168 cd/m <sup>2</sup> (typ)	- / -
Contrast ratio	600:1	- / -
Response time	20 ms	- / -
Backlight lifetime	20.000 hours	No Backlight

**Tablet and Pen**

Technology	Electromagenetic resonance (EMR)	Electromagenetic resonance (EMR)
Active area	4.25 x 2.55 inch, 108.0 x 64.8 mm	3.77 x 2.36 inch, 95.98 x 59.98 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	1024 (non-interpolated)	1024 (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
Pen	Active EMR pen	Active EMR pen
Pen size (L x D)	5.53 x 0.35 inch, 140.5 x 9.0 mm	5.53 x 0.35 inch, 140.5 x 9.0 mm
Pen weight	7g	7g
Pen tether hole	Yes	Yes
Pad identification	Unique ID	Unique ID
Connectivity security	USB cable locking system	USB cable locking system
Data security	Real time signature capture without internal pad memory	Real time signature capture without internal pad memory
Anti theft	Hole for Kensington locking system (3rd party)	Hole for Kensington locking system (3rd party)

**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	STU-530/G signature pad, UP-610A-89A-1 cordless and battery-free pen, STJ-A-337 USB cable, (9.84 ft / 3 m), UM-0558 quick start guide, PKB-A038 pen tether (nylon fiber, 19.7 inch / 50 cm)	STU-430/G signature pad, UP-610A-89A-1 cordless and battery-free pen, STJ-A-337 USB cable, (9.84 ft / 3 m), UM-0558 quick start guide, PKB-A038 pen tether (nylon fiber, 19.7 inch / 50 cm)
Operating temperature, relative humidity	+41°F to +104°F, +5°C to +40°C, (humidity 30% to 80% RH, no condensing)	+41°F to +104°F, +5°C to +40°C, (humidity 30% to 80% RH, no condensing)
Storage temperature, relative humidity	-4°F to +140°F, -20°C to +60°C, (humidity 30% to 90% RH, no condensing)	-4°F to +140°F, -20°C to +60°C, (humidity 30% to 90% RH, no condensing)
Warranty	3 years depending on region and channel of purchase	3 years depending on region and channel of purchase

