

Flat, 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 utilised for branding, marketing or advertising purposes, making it also a valid marketing tool. The Wacom pen can be tethered to the pad to prevent loss. The STU-530 is made for heavy stationary use.

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 software 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, a data encryption is embedded in the signature pads (AES 256 / RSA 2048). 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 D x H)	161.43 x 174.37 x 10.85 mm, 6.35 x 6.86 x 0.42 inch	
Weight	289 g	279 g
Colour of front cover	Dark grey	
Colour of back cover	Black	
Power supply	Via USB, no additional power adapter required	
Power consumption	2.5 W maximum	1.0 W maximum
Communication interface	USB 2.0 (Full-Speed)	
Status LED	Yes, blue light	
Supported operating systems	Windows® 8, 7, Vista, XP™ (excl. x64 version)	

LCD Screen

Display type	Amorphous TFT LCD, colour, LED backlight	F-STN Positive Reflective
Cover plate surface	Tempered glass	
Screen diagonal	108.0 x 64.8 mm (5.0 inch - 4.25 x 2.55 inch)	96.0 x 60.0 mm (4.5 inch - 3.77 x 2.36 inch)
Resolution	800 x 480 pixels, WVGA	320 x 200 pixels
Pixel pitch H/V	0.135 x 0.135 mm, 0.053 x 0.053 inch	0.300 x 0.300 mm, 0.118 x 0.118 inch
Viewing angles H/V	140° / 140°	- / -
Colours	True colour (16,7 million colours)	B/W
Luminance (brightness)	168 cd/m ² (typ)	- / -
Contrast ratio	600:1	- / -
Response time	20 ms	- / -
Backlight lifetime	20.000 hours	No Backlight

Pad and Pen

Technology	Electromagnetic resonance (EMR)	
Active area	108.0 x 64.8 mm, 4.25 x 2.55 inch	95.98 x 59.98 mm, 3.77 x 2.36 inch
Resolution	2540 lpi (non-interpolated)	
Coordinate accuracy	± 0.5 mm / 0.02 inch (center)	
Report rate	200 points per sec. (non-interpolated), 800 4D coordinates	
Pressure levels	1024 (non-interpolated)	
Reading height	5 mm / 0.2 inch (center)	
Pen storage	Integrated	
Encryption	AES 256 bit encryption, RSA 2048 bit key exchange	
Pen	Active EMR pen	
Pen size (L x D)	140.5 x 9.0 mm, 5.53 x 0.35 inch	
Pen weight	7 g	
Pen tether opening	Yes	
Pad identification	Unique ID	
Connectivity security	USB cable locking system	
Data security	Real time signature capture without internal pad memory	
Anti-theft protection	Slot for Kensington locking system (3rd party)	

Miscellaneous

Graphics card	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	
Package content	Signature pad (STU-530/G resp. STU-430/G), cordless and battery-free pen (UP-610A-89A-1), USB cable, (STJ-A-337; 3 m / 9.84 ft), quick start guide (UM-0558), pen tether (PKB-A038; nylon fiber, 50 cm / 19.7 inch)	
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)	
Warranty	3 years depending on region and channel of purchase	



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