# STU-530 / STU-430

## WACOM® ■ BUSINESS SOLUTIONS

**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 transflective 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 |
|---|---|---|

## STU-530      STU-430

**General Specifications**

| | STU-530 | STU-430 |
|---|---|---|
| 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**

| | STU-530 | STU-430 |
|---|---|---|
| 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/m² (typ) | |
| Contrast ratio | 600:1 | |
| Response time | | |
| Backlight lifetime | | |

**Tablet and Pen**

| | STU-530 | STU-430 |
|---|---|---|
| Technology | Electromagenetic resonance (EMR) | Electromagenetic 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**

| | STU-530 | STU-430 |
|---|---|---|
| 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 |