

## Pen Display Overview



| General Specifications                         | DTU-1031X   | DTU-1141B  | DTH-1152  | DTK-1660E   | DTK-2451/DTH-2452   |
|--|---|--|---|---|---|
| <b>Dimensions (W x H x D, excluding stand)</b> | 12.2 x 8.54 x 0.55 inches / 310 x 217 x 14 mm   | 11.1 x 8.3 x 0.4 inches / 283 x 210 x 11 mm  | 11 x 8.26 x 0.62 inches / 279.8 x 209.9 x 16 mm   | 16.61 x 11.22 x 0.96 inches / 422 x 285 x 24.5 mm   | 23.66 x 14 x 1.8 inches / 601 x 356 x 46 mm   |
| <b>Weight (including stand)</b>                | 2.4 lbs / 1.1 kg  | 1.8 lbs / 0.8 kg   | 2.2 lbs / 1.0 kg  | 4.2 lbs / 1.9 kg  | 15.9 lbs / 7.2 kg (without stand)   |
| <b>Stand inclination</b>                       | 18° integrated stand  | 15° integrated stand   | 15° integrated stand  | 19° integrated stand  | 11° - 73° adjustable stand  |
| <b>Power supply</b>                            | USB bus power, no AC power required   | USB bus power, no AC power required  | AC 100 - 240 V, 50/60 Hz  | AC 100 - 240 V, 50/60 Hz  | AC 100 - 240V, 50/60 Hz   |
| <b>Power consumption</b>                       | 5 W maximum, 1 W in sleep mode  | 5 W maximum, 1 W in sleep mode   | 10 W (full loading), Power Save mode: 0.5 W or lower, Power OFF mode: 0.5 W or lower  | 27 W or lower, Power Save mode: 0.5 W or lower, Power OFF mode: 0.5W or lower   | 45 W or lower, Power Save mode: 0.5 W or lower, Power OFF mode: 0.5 W or lower  |
| <b>Communication interface</b>                 | USB 2.0 (high speed)  | USB 2.0 (high speed)   | USB 2.0   | USB 2.0   | USB 2.0   |
| <b>Programmable buttons</b>                    | NA  | 4  | NA  | NA  | 4   |
| <b>Supported operating systems</b>             | Windows: 10/8.1/7 (32-bit, 64-bit)<br>Mac: OSX 10.11 or later   | Windows: 10/8.1/7 (32-bit, 64-bit)<br>Mac: OSX 10.11 or later  | Windows: 10/8.1/7 (32-bit, 64-bit)<br>Mac: OSX 10.11 or later   | Windows: 10/8.1/7 (32-bit, 64-bit)<br>Mac: OSX 10.11 or later   | Windows: 10/8.1/7 (32-bit, 64-bit)<br>Mac: OSX 10.11 or later   |
| <b>LCD Screen</b>                              |   |  |   |   |   |
| <b>LCD Panel Type</b>                          | TN  | AHVA   | AHVA  | IPS   | VA  |
| <b>Touch Input</b>                             | No  | No   | Yes   | No  | DTK-2451: No / DTH-2452: Yes  |
| <b>Cover glass surface</b>                     | Hardened, tempered glass  | Tempered AG etched glass   | Tempered AG etched glass  | Tempered Glass with AG film   | Tempered AG etched glass  |
| <b>Aspect ratio</b>                            | 16:10   | 16:9   | 16:9  | 16:9  | 16:9  |
| <b>Native resolution</b>                       | 1024 x 600 pixels   | 1920 x 1080 pixels   | 1920 x 1080 pixels  | 1920 x 1080 pixels  | 1920 x 1080 pixels  |
| <b>Video input</b>                             | USB   | USB  | HDMI  | HDMI  | DVI-I   |
| <b>Viewing angles (horizontal/vertical)</b>    | 140° / 120°   | 170° / 170°  | 170° / 170°   | 176° / 176°   | 178° / 178°   |
| <b>Colours</b>                                 | 262,144 colors  | 16.7M colors   | 16.7M colors  | 16.7M colors  | 16.7M colors  |
| <b>Luminance (brightness)</b>                  | 0.13 cd/in <sup>2</sup> / 200 cd/m <sup>2</sup> (typical)   | 0.13 cd/in <sup>2</sup> / 200 cd/m <sup>2</sup> (typical)  | 0.13 cd/in <sup>2</sup> / 200 cd/m <sup>2</sup> (typical)   | 0.13 cd/in <sup>2</sup> / 210 cd/m <sup>2</sup> (typical)   | 0.13 cd/in <sup>2</sup> / 210 cd/m <sup>2</sup> (typical)   |
| <b>Contrast ratio</b>                          | 500:1 (typical), 350:1 (minimum)  | 1000:1 (typical)   | 1000:1 (typical)  | 1000:1 (typical)  | 1000:1 (typical)  |
| <b>Response time</b>                           | TR 3 ms TF 5 ms   | 25 ms (typical)  | 25 ms (typical)   | 25 ms (typical)   | 16 ms (typical)   |
| <b>Tablet and pen</b>                          |   |  |   |   |   |
| <b>Technology</b>                              | Electromagnetic Resonance (EMR)   | Electromagnetic Resonance (EMR)  | Electromagnetic Resonance (EMR)   | Electromagnetic Resonance (EMR)   | Electromagnetic Resonance (EMR)   |
| <b>Active area size</b>                        | 10.1" diagonal (8.77 x 4.93 inches / 222.7 x 125.3 mm)  | 10.1" diagonal (8.79 x 4.94 inches / 223.2 x 125.6 mm)   | 10.1" diagonal (8.79 x 4.94 inches / 223.2 x 125.6 mm)  | 15.6" diagonal (13.55 x 7.62 inches / 344.2 x 193.6 mm)   | 23.8" diagonal (20.75 x 11.65 inches / 527 x 296 mm)  |
| <b>Coordinate resolution</b>                   | 2540 lpi  | 2540 lpi   | 2540 lpi  | 5080 lpi  | 2540 lpi  |
| <b>Coordinate accuracy</b>                     | ±0.02 inches / ±0.5 mm (center)   | ±0.02 inches / ±0.5 mm (center)  | ±0.02 inches / ±0.5 mm (center)   | ±0.02 inches / ±0.5 mm (center)   | ±0.02 inches / ±0.5 mm (center) for DTK-2451<br>±0.04 inches / ±1.0 mm (center) for DTH-2452  |
| <b>Report rate</b>                             | 200 points per second   | 200 points per second  | 200 points per second   | 187 points per second   | 187 points per second for DTK-2451<br>100 points per second for DTH-2452  |
| <b>Pressure levels</b>                         | 512   | 1024   | 1024  | 8192  | 2048  |
| <b>Encryption</b>                              | AES 256 / RSA 2048  | AES 256 / RSA 2048   | AES 256 / RSA 2048  | AES 256 / RSA 2048  | AES 256 / RSA 2048  |
| <b>Reading height</b>                          | 0.2 inches / 5 mm (center)  | 0.2 inches / 5 mm or more (center)   | 0.2 inches / 5 mm or more (center)  | 0.2 inches / 5 mm or more (center)  | 0.4 inches / 10 mm or more (center)   |
| <b>Miscellaneous</b>                           |   |  |   |   |   |
| <b>Pen storage</b>                             | Integrated pen compartment, pen stand   | Integrated pen compartment, pen stand  | Integrated pen compartment, pen stand   | Pen stand   | Pen holder  |
| <b>Security lock slot</b>                      | Yes, Kensington   | Yes, Kensington  | Yes, Kensington   | Yes, Kensington   | Yes, Kensington   |
| <b>Mounting system</b>                         | VESA 2.95 inches / 75 mm  | VESA 2.95 inches / 75 mm   | VESA 2.95 inches / 75 mm  | VESA 2.95 inches / 75 mm  | VESA 3.93 x 7.87 inches / 100 x 200 mm  |
| <b>Signature software compatibility</b>        | Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers  | Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers                         | Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers          | Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers  | Compatible with signature / eSign software and Wacom sign pro PDF; C++, .NET and Java SDK/API available for developers  |
| <b>Drivers</b>                                 | Wacom driver and MCT video driver required, SDK/API available for developers  | Wacom driver and DisplayLink video driver required, SDK/API available for developers   | Wacom driver required, SDK/API available for developers   | Wacom driver required, SDK/API available for developers   | Wacom driver required, SDK/API available for developers   |
| <b>Package content</b>                         | DTU-1031X, Pen, USB cable, Installation CD, Quick Start Guide, Pen tether, Extra pen nibs, Nib removal tool, Pen compartment cover, USB plug attachment, 4 VESA mounting screws | DTU-1141B, Pen, USB cable, quick start guide, pen tether, 5 extra pen nibs, nib removal tool, 4 VESA mounting screws, USB plug attachment, IPI | DTH-1152, Pen, Pen tether, Extra pen nibs Nib removal tool, 3-in-1 cable, AC power adapter, Power cable, Quick Start Guide, IPI | DTK-1660E, Wacom Pro Pen 2, Pen stand with replacement nibs and nib removal tool, Pen tether, 3-in-1 cable, AC power adapter, Power cable, Quick Start Guide, IPI | DTK-2451 or DTH-2452, adjustable display stand, pen with eraser, pen holder, attachment, pen tether, warranty card, QSG, IPI, DVI-D cable, DVI-I to VGA Cable, USB cable, AC adapter, power cable |







## Sign Pad Overview



### General Specifications

## STU-540








## STU-430

|   |                                 |   |   |
|---|---------------------------------|---|---|
|    | <b>Dimensions (W x H x D)</b>   | 6.41 x 6.18 x 0.39 inches / 163 x 157 x 10 mm | 6.35 x 6.86 x 0.42 inches / 162 x 174 x 11 mm |
|    | <b>Weight (including stand)</b> | 0.6 lbs / 275 g                               | 0.62 lbs / 279 g                              |
|    | <b>Main body color</b>          | Black   | Gray  |
|   | <b>Power supply</b>             | USB bus powered                               | Via USB, no additional power adapter required |
|  | <b>Power consumption</b>        | 2.5 W maximum                                 | 1.0 W maximum                                 |
|  | <b>Communication interface</b>  | USB/VCP/RS-232                                | USB   |









### LCD Display

|   |                            |                   |                           |
|---|----------------------------|-------------------|---------------------------|
|  | <b>Display Type</b>        | Amorphous TFT LCD | F-STN Positive Reflective |
|  | <b>Cover plate surface</b> | AG etched glass   | Tempered glass            |
|  | <b>Native resolution</b>   | 800 x 480 pixels  | 320 x 200 pixels          |

### Pad and pen

|   |                              |  |  |
|---|------------------------------|--|--|
|  | <b>Reading Technology</b>    | Electromagnetic Resonance (EMR)          | Electromagnetic Resonance (EMR)          |
|  | <b>Active area size</b>      | 4.25 x 2.56 inches / 108 x 65 mm         | 3.77 x 2.36 inches / 96 x 60 mm          |
|  | <b>Coordinate resolution</b> | 2540 lpi / 0.01 mm/pt (non-interpolated) | 2540 lpi / 0.01 mm/pt (non-interpolated) |
|  | <b>Coordinate accuracy</b>   | ±0.02 inches / ±0.5 mm (center)          | ±0.02 inches / ±0.5 mm (center)          |
|  | <b>Report rate</b>           | 200 points per second (non-interpolated) | 200 points per second (non-interpolated) |
|  | <b>Pressure levels</b>       | 1024 (non-interpolated)                  | 1024 (non-interpolated)                  |
|  | <b>Encryption</b>            | AES256 / RSA2048                         | AES256 / RSA2048                         |

### Miscellaneous

|   |   |  |  |
|---|---|--|--|
|  | <b>Pen storage</b>                              | Pen compartment  | Pen tray   |
|  | <b>Connectivity security</b>                    | USB cable locking system   | USB cable locking system   |
|  | <b>Data security</b>                            | Real time image capture without data storage.<br>Internal memory for images only.  | Real time signature capture without internal pad memory  |
|  | <b>Security lock slot</b>                       | Yes, Kensington  | Yes, Kensington  |
|  | <b>Operating temperature, relative humidity</b> | +41° F to +104° F / +5° C to +40° C,<br>(humidity 30 % to 80 % RH, no condensing)  | +41° F to +104° F / +5° C to +40° C,<br>(humidity 30 % to 80 % RH, no condensing)  |
|  | <b>Storage temperature, relative humidity</b>   | -4° F to +140° F / -20° C to +60° C,<br>(humidity 30% to 90% RH, no condensing)  | -4° F to +140° F / -20° C to +60° C,<br>(humidity 30% to 90% RH, no condensing)  |
|  | <b>Signature software compatibility</b>         | Compatible with Windows signature / eSign software and Wacom's sign pro PDF and sign pro PDF Plug-in for Adobe Acrobat. For Windows, C++, .Net and Java development libraries available for developers (contact us for library and software availability in other development languages and platforms) | Compatible with Windows signature / eSign software and Wacom's sign pro PDF and sign pro PDF Plug-in for Adobe Acrobat. For Windows, C++, .Net and Java development libraries available for developers (contact us for library and software availability in other development languages and platforms) |
|  | <b>Package content</b>                          | 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)  |