

SIG200

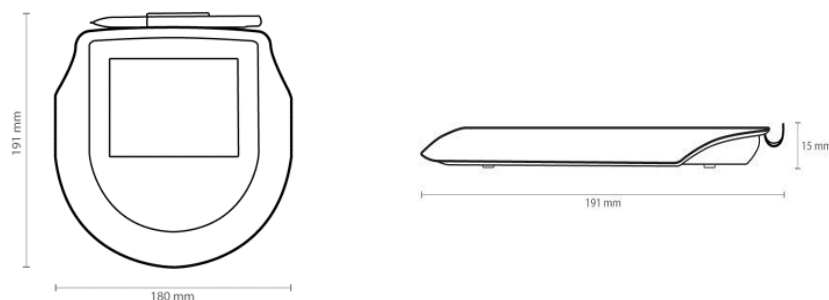
Color Signature Pad



Sig200 signature pad makes your signing processes easy and efficient. Its ultra-ergonomic design, patented pen technology and RTP sensor with special foil surface provide a natural, paper-like signing experience. In addition, its large color screen can display content that promotes your company's brand image, ideal for office and countertop applications.

HIGHLIGHTS

- 5" (12,8 cm) full-color display with integrated palm-rest
- Dynamic display in standby mode, up to 10 images displayed
- No special pen required (cheap replacement available)
- Secure mode to display the signature on the screen in real-time
- Unique RSA-signature creation and RSA-encryption methods inside the pad
- Signature capturing with 500 Hz 4D samples and 1.024 pressure stages (x, y, z, t)
- Battery-free pen with changeable pen tip
- Delivery comes with completely assembled USB cable, pen and cord



ARTICLE NUMBERS

- **ST-CE1075-2-UEVL** : Sig200 Signature Pad
- **ST-CE1075-2-UEVL-MBI**: Bundle Sig200 Signature Pad with signoSign/2 licence



GENERAL FEATURES

- Dimensions W. 180 x D. 191 x H. 15 mm / 7.08" x 7.51" x 0.59"
- Approx. weight 320 g / 0,70 lbs (incl. cable)
- Approx. cable length 2 m
- Power consumption:
 - Standby status: 13 mA (HID/WinUSB)
 - Running: 430 mA
- USB power supply
- 2 programmable LED color status
- Mounting stand on the backside, compatible Multigrip™ plate available
- Life expectancy approx. 1 million signatures (~ 150,000 signatures for the pen)
- 2-year warranty

DISPLAY

- Full color TFT (Thin Film Transistor) display
- 5" display size (12,8 cm)
- 65.536 color numbers
- Configurable LED-backlight display (brightness: 250 cd/m²)
- 640 x 480 pixels resolution / 161 x 161 ppi
- 0,0529 x 0,1587 mm pixel size
- Maximum size of the displayed image: 640 x 960 pixels

SENSOR

- Resistive Touch Panel (RTP)
- 100 x 75 mm active signing area
- 4.096 x 4.096 pixels / 1.388 x 1.040 ppi
- Linearity: +/- 1,5% in x-, y- and z- direction
- Special sensor for pen input
- Special foil surface with wear-protection
- 1.024 pressure sensor unit
- External sampling rate: 500 Hz (samples per second), 4 axes (x, y, time and pressure)
- Internal sampling rate: 6.000 Hz (samples per second)
- Battery-less pen with special changeable spring-loaded lead
- Highly flexible textile-cord and horizontal pen holder

CONNECTION TYPES

- HID-USB and WinUSB
- Optional chargeable VCOM driver (Citrix, TSE compatibility)
- USB-Standby-Support: the device switches off automatically when the corresponding signal is received

DRIVER AND SOFTWARE

- No special driver is required for a USB connection
- Compatible with optional signoSign/2 software (chargeable) for creating and signing secure PDF documents
- Free SDK available on request to integrate signature pad into your application
- Free Tools and Twain driver available on request
- Further chargeable software available on request

SYSTEM ENVIRONMENT

- Operating system:
 - From Windows 10 and later versions
 - From Windows Server 2016 and later versions
 - Linux
 - Windows Remote Desktop and Citrix ICA (requires the chargeable VCOM driver)

SECURITY MECHANISMS

- AES-256 encrypted data transfer between host and pad via RSA key exchange
- RSA signature and encryption in the pad
- Flash memory protected against data theft
- Real-time display of the signature without usable biometrics
- Creation and storage of certificates in the pad
- 4096 Bit key size
- Certificate Signing Request (CSR) can be generated in the pad and extracted
- Supported Hash-algorithms:
 - SHA-1
 - SHA-256
 - SHA-512
- Transmission and Signing of a SHA-256 Hash via WinUSB:
 - 2048 Bit: 800 ms
 - 3072 Bit: 2.400 ms
 - 4096 Bit: 5.500 ms
- The casing can be glued optionally to prevent forceful break in

MISCELLANEOUS

- A standby slideshow (up to 10 images) is freely configurable
- Operating temperature: -10°C to +60°C
- Storage temperature: -25°C to +70°C
- Air humidity for operation/storage <=90% non-condensing
- Air pressure for operation/storage >700 hPa
- IP 52 degree of protection
- Certifications:
 - CE
 - FCC
 - RoHS-compliant according to EU-regulations



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