

SIGNificant ColorPad 6

The perfect signature pad to display the whole document on the pad with the highest level of security



End-to-end security – Encryption of the sensitive signature row data takes place on the pad, rather than in the unsafe “computer” environment.

Display the whole document – The signature pad can show the whole document (multilateral), not just parts of it limited to the screen size of the pad. Buttons on the pad allow for document browsing via vertical or horizontal scrolling and zooming.

Patented palm rest – The unique palm rest allows for natural signing like on paper and thus recording a natural signature – unlike other pads, where your hand is quickly hovering up in the air.

Sign directly onto documents – it’s almost like signing a paper document.

No driver installation necessary – Thanks to the “Encrypted HID Standard”, driver installation is not required for W2000, XP, Vista, Win7, Linux and MAC OSX.

Mode for left hand writing – Both left-handed and right-handed people can find the optimum position for writing. The screen can be rotated through 180°.

Advertising – The brilliant color display, with a resolution of 640x480 pixels, can present your latest offers, products, solutions and services perfectly in standby mode. Moreover, the whole pad can be customized according to your CI. See example on the left.

Pen holder – The pad includes a holder in the side for secure storage of the pen during transport, as well as a second, vertical holder for when the pad is in use. The pen is attached by a cord to ensure its safekeeping.

Mounting possibilities – On the back of the signature device are two screw holes for table and wall mounting. Accessories for mounting are sold separately.



Customization Example

The highest level of security on the market

The processor of the signature pad contains the public key of a second key pair (RSA 2048-bit). By means of this key, the biometric data is encrypted in the pad itself. This ensures that highly sensitive information can never be viewed in decrypted format in the unsafe “computer” environment (e.g. main memory). The private key of this second key pair is safely deposited by a notary public or in a safe deposit of your choice.

Transfer of data is encrypted using a crypto-algorithm that is considered very secure (AES 256). With Windows 2000, XP, Vista, or Linux, it is not necessary to install a driver. The status lights and the screen show the status of the device (off: not connected; orange: ready; green: capturing signature).

In cooperation with the international ecological organization PrimaKlima Weltweit e.V., for each pad sold we plant an area of approximately 10m² with trees.

Technical data:

Description	Referring to	Value	Measurement
Material	Casing	Polycarbonate	–
Width	Casing	18.5	cm
Depth	Casing	17	cm
Height	Casing	1.2	cm
Width	Surface area of sensor and screen	11.4	cm
Depth	Surface area of sensor and screen	8.5	cm
Width	Active area of sensor	11.2	cm
Depth	Active area of sensor	8.4	cm
Length	Mini-USB to USB cable	180	cm
Weight	Signature pad without cable	300	g
Temporal definition emitted/real	Groups of 4D coordinates (Each group is made up of the coordinates X, Y, pressure and time)	500	Emissions per second
Temporal definition of the measurement	Internal reporting rate (samples)	7000	Reporting rate 4D samples/sec (super sample 14× (14 times greater))
Optical definition emitted/real	Definition of the captured X and Y coordinates (Without adding some coordinates to others/without interpolation)	1000	DPI
Accuracy of repetition	Accuracy of repetition in X,Y measurements	+/- 0.1	mm
Screen definition	Definition of X and Y of the incorporated TFT-color display (65K colors). The screen on the pad shows the signature in real time and can be used to display texts and virtual surfaces.	640×480	pixels
Development of pressure	Capturing pressure	512 or 1024	Levels of pressure
Minimum pressure	Minimum pressure that can be measured	1	N
Maximum pressure	Maximum pressure that can be measured	10	N
Connection	Standard Mini-USB	Plug	–

Energy use	No external power supply necessary	>500	mAh
Assistance for USB hibernation	Not all computers or laptops deactivate the power in the USB ports when they hibernate. Because of this, only those external devices that transmit the computer's hibernation warnings and can turn themselves off actually help to save energy.	Yes	Turns off screen, status lights, etc.
Type of transmission	HID encrypted with individual key and authorization function. This device does not require a driver. It is recognized directly by Windows and Linux like a mouse or keyboard.	USB/HID	USB 2.0 (USB 1.1 compatible)
Encryption algorithm	Name of the standard cryptographic algorithm used for the transfer of data	RSA 2048-bit AES 256	–
Working temperature	Temperatures at which the pad will function according to what is specified here	0 to +50	°C with a max. of 90% RH without condensation.
Storage temperature	Temperatures at which the device can be transported and stored.	–10 to +80	°C with a max. of 90% RH without condensation.
Meets	Certificates	CE, WEE	–
Quality control measures for each device	Quality control and safety tests for all devices. The test protocols are linked to the serial number of the device and the name of the person who carried out the tests, and are available, free of charge, for our clients on request.	Testing of each device: Operation and margin for error in measurements	1/1
Quality control measures, random testing	Random testing to ensure reliable quality in diverse situations.	Verification by a graphologist and external testing of the measurements	1/5000
General quality control measures	Selection of component providers and documented production cycles.	SIGNificant ColorPad is produced with ISO-certificated providers and according to ISO regulations.	EN ISO 9000 ff
Identification/serial number	Each signature pad of this type has a unique serial number. The serial number can be found as a number and as a bar code on the base of the device. The serial number can also be obtained	Bar code type	Code 39

	from the device's firmware.		
Recycling	This product can be almost entirely recycled. The parts, such as the casing, etc., are marked with information about the materials used.	RAEE registration number	DE 27870259
Protecting the environment	Use of the signature pad saves paper. In cooperation with the international ecological organization PrimaKlima Weltweit e.V., we also plant an area of approximately 10m ² with trees for every signature pad of this type sold.	CO ₂ neutral emissions	–
Country in which it is produced	Country in which the development, manufacture and quality control takes place	Germany	Made in Germany by Stepover GmbH
Accessories included	Standard accessories	Connection cable, instructions in various languages	1×
Order number	EAN article number	EAN	Tbd.

Important:

This product is protected by property rights and national and international patents. The right to make technical changes that improve the device's performance is reserved.

Date: December 2011.

Company profile:

xyzmo SIGNificant is a private company based in Ansfelden, Austria with international offices in the United States and Romania. xyzmo and its predecessors have a combined history of more than 10 years of digital signature expertise. Our solutions have processed millions of electronic signatures to date around the globe.

xyzmo's enterprise e-signature platform allows contracts, agreements, NDAs, forms, or any document that requires a signature, to be signed electronically on signature pads, payment terminals, the iPad, Android devices, with digital certificates or online via 'click-to-sign'. It could not be easier or more secure.

Copyright © xyzmo Software GmbH 2011