

naturaSign Pad Classic

Technical data sheet



The particularly stable & handy signature pad

for mobile use

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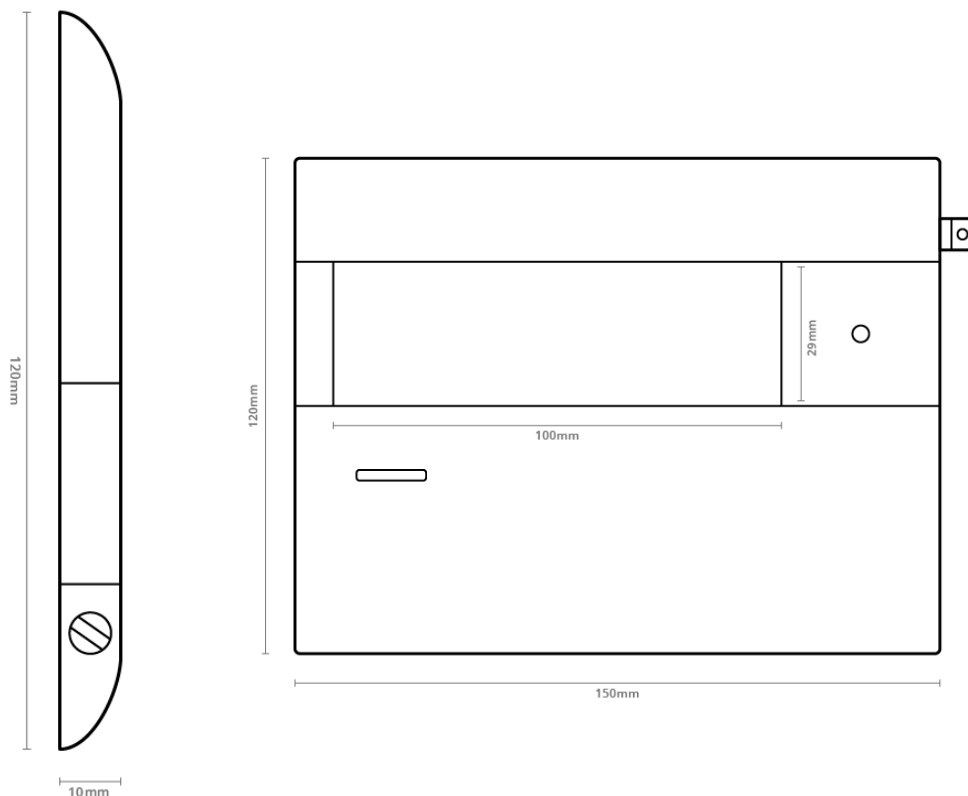


GENERAL

Manufacturer	StepOver GmbH	StepOver GmbH Otto-Hirsch-Brücken 17 address 70329 Stuttgart Germany
Country of origin	Country where development, manufacturing and quality assurance takes place.	Made in Germany
Order number	GTIN item number	GTIN 4260130060848
Order number with 3 years warranty and barcode	GTIN item number	GTIN 4260130061593
Traceability/ serial number	Each signature pad of this type has been given a unique serial number. The serial number can be accessed from the device's firmware and read on the display after being plugged in. Optionally, for projects involving over 500 units, the serial number can be added to the back of the device in digits and as a bar code (subject to cost).	barcode type (Optional / Subject to surcharge - Only when ordered ex-works) Code 39

DIMENSION / HOUSING / COMPOSITION

Material	Housing	PC
Width	Housing	15.0 cm
Depth	Housing	12.0 cm
Height	Housing	1.0 cm
Weight	Signature pad without connector cable.	Approx. 150 grams
Cover lens	Chemically tempered glass over the display.	



naturaSign Pad Classic

Technical Data Sheet



PEN

Pen type	naturaPen (passive pen) attached to the housing with spiral cord.	naturaPen
Material	naturaPen	POM
Pen attachment	Tear-proof, flexible cord attached to housing.	

DISPLAY

Display type	Black-white LCD display	
Width	Active area – display	9.6 cm
Depth	Active area – display	2.5 cm
Display	X- and Y- resolution of the built-in transfective graphic (matrix) black and white LCD. Note: The pad screen displays the signature in real time and can be used to display text.	320 x 85 pixels
Horizontal viewing angle	Left side / right side	min 40° - typically 45°
Vertical viewing angle	Front / Opposite position	min 35° - typically 40°



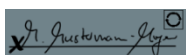
Standby mode: The standby mode displays the manufacturer logo.



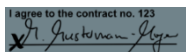
logo for the standby mode.

Optional slide show: For larger projects, the pad can be supplied with a customer-specific "black/white"

Standard image resources



Standard signature mode: The standard signature mode displays a signature line and the "rotate" button for the left- and right-hand mode.



Show text in display: The text in the signature mode can be adapted dynamically via the signature software.

The documents, signatures and advertisement images seen here are merely for illustration purposes.

SIGNATURE CAPTURE

Sensor type	Sensor type to capture signature data.	Resistive	sensor
Width	Active area ERT sensor	9.8	cm
Depth	Active area ERT sensor	2.6	cm
Optical Definition emitted/real	Definition of the captured X- and Y- coordinates (without interpolation/ without adding some coordinates to other).	1000	DPI
Accuracy of repetition	Accuracy of repetition of X-Y measurements.	+/- 0.1	mm
Temporal Definition emitted/real	Groups of 4D coordinates (Each group consists of X, Y, pressure and time).	500	output per second
Temporal definition of the measurement	Internal reporting rate (samples).	7000	reporting rate / 4D samples/sec. (14 times greater).
Measurement of pressure	Maximum number of differentiated pressure levels.	512	pressure levels
Minimum force	Lowest measureable writing force.	1	Newton
Maximum force	Highest measureable writing force.	10	Newtons

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Technical Data Sheet



SAFETY

Protection of biometric data	Patented encryption method with RSA public key safely stored in the signature pad and RSA Private Key safely stored with a notary for decryption in case of dispute.		
Encryption algorithms and Signature algorithms	Name of the standard cryptographic algorithms used, which are used for encryption purposes in the pad.	Up to RSA 4096 bit, AES 256 bit, SHA 256 bit,	

SYSTEM REQUIREMENTS

Operating System	It is not necessary to install a driver.		
Software compatibility for 2048 bit encryption	In order to make full use of this product, you will need a version of the following software that has, at the minimum, the same version number or higher.	eSignatureOffice from version 5.0 SimpleSigner from version 7.0 Device API from version 5.6	
Software compatibility >2048 bit encryption	Warning: To use with >2048 bit key lengths, you will require the following software versions at the minimum.	eSignatureOffice from version 6.2 SimpleSigner from version 7.1 Device API from version 6.2 Signature API from version 4.13	
Signature pad - encryption >2048 bit	Warning: To use with >2048 bit key lengths, you will require the following firmware version at the minimum.	From version 5.05.0.3031	

CONNECTIVITY / POWER SUPPLY

USB cable	USB A to Mini-USB B	Length	2 meters
Accessories included	Standard accessories	USB cable, Multi-lingual operating manual, Protection box	per 1 unit
Power consumption	A low power consumption helps the environment and extends the battery life of notebook.	>100	mA
Connectivity	Encrypted HID. This device does not require a HW driver; it is directly recognised by Windows/Linux like a mouse or keyboard.	USB-HID	USB 2.0 device

OTHER FEATURES

Operating temperature	Temperatures at which the pad can 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
Conformity	Certifications / approvals	CE, UKCA, WEE, RoHS	
Quality assurance measures per device	QA tests of all devices. Test protocols are linked to the serial number of the device and the coded initials of the person who carried out the tests. They can be sent to the customer via email upon request, free of charge.	Each device tested for function and measurement error	
General quality assurance measures	Selection of component suppliers and standardised, documented production processes. StepOver GmbH works exclusively with ISO-certified component suppliers, and works in line with ISO regulations.	EN ISO 9000 ff	
Recycling	Most of this product can be recycled. Components such as the housing, etc. are labelled with information about the materials used.	WEE registration no.	DE 27870259
Environmental protection	For every signature pad sold, StepOver makes a donation to promote the planting of new trees. As of 2023, a total of 1.85 million m² has been planted in several projects across the world!	CO2-neutral product	
Drilling jig	The device has two screw holes on the back for desktop or wall assembly.	Dimensions can be found on the StepOver Website	Download PDF document

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Technical Data Sheet



IMPORTANT INFORMATION:

This product is protected by national and international property rights and patents.

We reserve the right to make technical modifications designed to improve this product.

All hardware and software names employed are registered trade names and/or trademarks of the respective manufacturer/owner. The content and structure of this documentation are protected by copyright. The reproduction of information or data, particularly text, sections of text and images, requires the prior consent of StepOver GmbH.

The safety and operating instructions provided in the operating manual must be observed. You will find an electronic operating manual online at: www.StepOverInfo.net/MAN

This product is not intended for import, distribution or use in the USA. Please contact StepOver International GmbH regarding products for the US market.

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