StepOver
naturaSign Pad Flawless

The most distinguished signature tablet for use at the sales counter

Description	Referring to	Value	Measurement
Material	Casing	Polycarbonate	-
Width	Casing	15,5	cm
Depth	Casing	13	cm
Height	Casing	0,8	cm
Width	Surface area of sensor and screen	9,5	cm
Depth	Surface area of sensor and screen	5,3	cm
Width	Active area of sensor	9,4	cm
Depth	Active area of sensor	5,2	cm
Length	Micro USB to USB cable	180	cm
Weight	Sign pad without cable	250	Grams
Temporal resolution	Groups of 4D coordinates (Each group is made up of the coordinates X, Y, pressure and time)	500	Reporting rate / 4D samples/sec
Temporal definition of the internal measurement	Internal Reporting rate (samples)	7000	Internal measuring rate / 4D samples/sec (14 times oversampling)
Spatial resolution	Definition of the captured X and Y coordinates (without adding some coordinates to other/without interpolation)	1000	DPI
Accuracy of repetition	Accuracy of repetition in X,Y measurements	+/- 0,1	mm
Display	Definition of X and Y of the incorporated TFT-Colour display (65K Colours). The screen on the pad shows the signature in real time and can be used to display texts and virtual surfaces. The advertising images/slide show images can be loaded and changed by the customer. Delivery is usually made without images; with small quantities (stock), however, the manufacturer's "standard advertising images" may have been pre-installed. These can be deleted or replaced by the customer at any time. The LED background light has an expected MTBF of 50,000 working hours.	480 x 272	Pixels

Measurement of pressure	Maximum number of differentiated pressure levels	512	Levels of pressure
Minimum pressure	Lowest measurable writing pressure	1	Newton
Maximum pressure	Highest measurable writing pressure	10	Newton
Connection	Standard Micro-USB	Plug	-
Energy Use	No external power supply necessary	>500	mAh
Type of transmission	Encrypted HID. This device does not require a driver. It is recognised directly by Windows or 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
General quality control Measures	Selection of component providers and documented production cycles.	StepOver GmbH only works with ISO certificated providers and works according to ISO regulations.	EN ISO 9000ff
Identification / serial number	Each signature pad of this type has been given a unique serial number. The serial number can be found from the device's firmware and read on the display after insertion. There is also the option to add the serial number in figures for projects over 500 units and fix it as a barcode on the back of the device (subject to cost).	Bar code type (optional)	Code 39
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	The use of the sign pad saves paper. In cooperation with the international ecological organisation PrimaKlima Weltweit e.V. We also plant an area of approximately 10m² with trees for every sign 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
Accessories included	Standard Accessories	L-shaped connection cable, instruction manual in multiple languages, transparent black stylus clip-on vertical holder languages	One piece each
Order number	GTIN article number	GTIN	4260130060589