A4 Full Colour LCD Signature Pad
signotec ALPHA

SECURE
UNIQUE
BETTER

Loan Agreement

MADE IN GERMANY

Quality · Security · Ecology
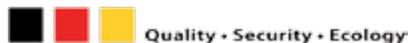
Electronic signature capture
greatest security
simple and precise
reliable and durable

signotec
e-signature solutions

signotec ALPHA

PRIME
SIGN
SOLUTIONS

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It meets the written form requirement

The new signotec Alpha does what conventional pads cannot. The device even meets the written form requirement that applies to credit agreements, for example. The signer places the original document on the pad and signs the paper and the PDF simultaneously. The law requires the written form for a lot of contracts, particulary when it comes to credit and loan agreements. The bank or the retailer therefore always has to sign the original and then scan the document first if they want to process the transaction electronically. The signotec Alpha does all of this in one go.

Changeable Tips:

The signotec Alpha does not use pressure-sensitive ITO sensors. Rather, it uses electromagnetic resonance technology. Delivery also includes a special pen with a replaceable cartridge. The signer places the original contract on the pad with the displayed PDF and signs both documents simultaneously. If the paper document is not required as a result of the principle of freedom of contract, the ballpoint pen cartridge can simply be replaced with a plastic one. It is then possible to electronically sign full-page documents directly on the high-resolution display.

to sign individually

Ink

Plastic

The bigger the better: The A4-solution

Due to its size, the signotec Alpha is able to display complex documents that have to be signed. Delivery notes with several items or multi-page contracts where you can flick through the pages are just two examples. Standard pen pads are just too small for this. While there are already large devices on the market that enable signing, these are usually just monitor extensions where the signer still sees all the other applications running on it. In contrast, the signotec Alpha is a genuine signature pad.

Certificated and safe!

You are on the safe side with signotec Alpha, because the Pad is equipped with excellent security mechanisms, e.g. a encrypted data transfer between Pad and PC. As well as the signature image, important characteristics of the signature are stored, thereby eliminating abuse and verifying identity. The solution has been inspected by an independent, forensic document examiner. These Handwriting and Signature Expert confirmed that our solution provides far more forensically valuable data about the dynamics of the writing than could ever be determined from an examination of the original. In addition with the associated software „signoSign/2" (with costs), this system has also been certified by the „TÜV".

TÜV SAARLAND
Approved Software
voluntary test mark
www.tuev-saar.de

EASY TO CHANGE

signotec ALPHA
Technichal data

Dimensions

Height	26 mm
Width	240 mm
Depth	400 mm

Display

Type	15,6" full colour TFT with adjustable LED-backlight and "Privacy Viewing"
Number of colors	65,536
Resolution	768 x 1366 pixel absolute / 100 x 100 ppi
Scroll function	Yes for graphics up to a size of 2048 x 2048 pixels
Pixel pitch	0.252 x 0.252 mm
Visible area	344 x 194 mm

Sensor

Active signing area	193,54 x 344,23 mm
Precision	+/- 0,4 mm (center)
Input method	ERT (Electromagnetic Resonance Technology), not influenced by hand touch
Tip technology	Replaceable tip technology with ink and plastic pen catridge
Pressure sensor unit	1024 1024 issued, 4096 internal
Pen	Battery-free
Detectable angle	+/- 50°

Electronics/Digitisation

Output rate of coordinates	280 4D samples (comprising x, y, time and pressure coordinates) per second
Resolution	7422 x 10206 Pixel / 974 x 753 ppi
USB port	HID-USB 2.0. Fullspeed (12 MBit/s) und WinUSB Hi-Speed(460 Mbit/s)
Ethernet	Optional Ethernet for TCP/IP communication via LAN
Serial port	Integrated via internal virtual serial COM port for Terminal Server Environment
USB standby support	Yes, when relevant signal is present the device is switched off
Data transfer	AES 256 encrypted data transfer between PC and pad via RSA key exchange
Serial number	Unique and retrievable internal serial number
Status display	2 coloured and freely programmable LEDs
Software/SDK/Tools	SDK and tools free of charge incl. updates and new versions
Internal (in device) signature creation	Internal RSA signature of image contents or checksums and RSA encryption of the biometrics
Memory	128 MB RAM and 1 GB Flash-Memory

Other

Cable port	USB, optional Ethernet, 12 volt power supply unit (included in scope of delivery)
Cable length	1,5 m
Weight	1.921 kg
Pen attachment	Highly flexible and exchangeable textile tether
Certifications and standards	CE, DIN EN 60950-1, DIN EN 61000-6-1, DIN EN 61000-6-3
ROHS	ROHS compliant
Tamper-proof closure	Optionally the case can be glued
Packaging	Recyclable cardboard
Bar code	A bar code with a serial number is located on the device and the cardboard box
WEEE-Reg.-Nr. (ear):	DE 41995888
Operating System	Windows XP (SP3) and later, Windows Server 2003 and later, Windows Terminalserver support, Linux; 32 and 64 Bit
USB-HUB	Internal and external USB-Hub, to connect additional devices

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e-signature solutions

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