

ALPHA

A4 Full-Colour LCD Signature Pad

**SECURE
UNIQUE
BETTER**



MADE IN GERMANY

Quality • Security • Ecology

Electronic signature capture
highest security
simple and precise
reliable and durable

signotec
e-signature solutions

ALPHA

PRIME SIGN SOLUTIONS



It meets the written form requirement

The new 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, particularly 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 Alpha does all of this in one go.

The bigger the better: Alpha A4-solution

Due to its size, the 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 Alpha is a genuine signature pad.

Changeable Tips:

The 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.

Certificated and safe!

You are on the safe side with 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.

to sign individually



EASY TO CHANGE



Dimensions	
Height	26 mm
Width	240 mm
Depth	400 mm
Display	
Type	15,6" full-colour TFT with adjustable LED backlit and "Privacy Viewing"
Number of colors	65,536 (high color)
Resolution	1366 x 768 pixels
Scroll function	Not needed because an A4-document is displayed in original size
Pixel pitch	0.252 x 0.252 mm
Visible area	344 x 194 mm
Sensor	
Active signing area	344 x 211 mm
Precision	Up to 0,005 mm
Input method	ERT (Electromagnetic Resonance Technology)
Tip technology	Replaceable Tip technology with inking pen cartridge
Pressure sensor unit	1024 pressure stages
Pen	Battery-Free
Writing sensation	On-screen handwriting, is only sensitive to ERT-Stylus, not influenced by hand touch, no erroneous input
Detectable angle	+/- 50°
Electronics/Digitisation	
Output rate of coordinates	270 4D samples (comprising x, y, time and pressure coordinates) per second
Resolution	2400 lpi
USB port	WinUSB - high-speed mode (480 Mbps), downward compatible, HID full-speed mode if WinUSB not present
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	Secure data transfer between PC and pad and RSA-Encryption
Serial number	Unique and retrievable internal serial number
Status display	2 coloured and freely programmable LEDs
Software	API (SDK) included free of charge
Internal (in device) signature creation	Internal PDF signing with certificates and RSA encryption
Memory	128 MB RAM and 1 GB Flash-Memory
Miscellaneous	
Cable port	USB, optional Ethernet
Cable length	1,5 m
Weight	Alpha Pad + Pen: 1.921 gr. Component parts: 274 gr.
Pen attachment	Via high flexible cord
Certifications and standards	CE, DIN EN 60950-1, DIN EN 61000-6-1, DIN EN 61000-6-3
RoHS	RoHS compliant
Tamper-proof closure	Housing can be optionally glued
Container	Cardboard packaging
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, Win7, Win8, Server 2003, 2008, 32 and 64-Bit, Terminal Server
USB-HUB	Internal and External USB Hub to connect peripheries