


Colour LCD Signature Pad

# signotec OMEGA

**SECURE  
UNIQUE  
BETTER**



**MADE IN GERMANY**

 Quality • Security • Ecology

**Electronic signature capture**

**greatest security**

**simple and precise**

**reliable and durable**

**signotec**  
e-signature solutions

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## PRIME SIGN SOLUTIONS

RSA-encryption  
and signature features

Internal memory

Passive pen - battery- and maintenance free,  
cheap replacement

High resolution 5" colour display with scratch  
resistant surface and optional exchangeable  
screen protector

Made in Germany  
2 years warranty

Ergonomic and flat  
design



## Unbeatable fast and exact

A large internal memory and a fast processor are only two attributes, which constitute the outstanding technical characteristics and finally leads to an unbeatable accuracy during the digitization of the signatures. The memory offers instant access to recurring documents, for example general trading conditions, which the customer has to confirm during the process. An extremely fast picture presentation is guaranteed.

## Certificated and safe

With signotec Omega you are on the safe side, because, thanks to the associated software „signoSign/2“ (with costs), the pad disposes of outstanding security features such as an encrypted data transfer. In addition to the image of the signature, also significant characteristics of the signature are going to be saved, therefore abuse is nearly impossible and the evidential value is given. The solution has been certified by an independent, forensic handwriting examiner. In addition, this system has also been certified by the „TÜV“.



## Quality „Made in Germany“

signotec Omega, the Colour-Pad for the capture of handwritten electronic signatures, was completely developed by ourselves and bundles more than 20 years of experience and competence. The signotec Omega Pad is applicable at the point of sale in the trade likewise as in the teller's counter in banks. With its large colour-display in VGA-resolution (75 x 100 mm) it captivates with an outstanding brilliance in the representation of texts and graphics, with an extremely flat construction and a pleasing design. The Omega guarantees very best quality and functionality.



## Show more to your customers

By the representation of more than 65.000 colours the signotec Omega is outstanding suitable for a promotional employment. If you don't use the equipment, you are able to show a freely configurable slide-show in order to bring actual information to your customers. The slide-show is stored completely, directly and self-sufficient in the pad. A connection to the software is not required.

## Your personal touch

Because we produce the signotec Omega in Germany, we are able to react individually to your wishes. Individual components can be coloured according to your needs and requirements. Of course your label will find the fitting place in the correct colour, and we have the optimum solution for multicoloured requirements (with costs).



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## Technical data

Changes for the technical progress, manufacturing tolerances and errors reserved at any time. We reserve the right to change the technical data without prior notification.

### Dimensionen

Height	15 mm
Width	180 mm
Length	191 mm

### Display

Type	5" (21 cm), full colour-TFT with backlight
Number of colours	65.536
Resolution	640 x 480 pixel absolute / 161 x 161 ppi
Pixel size	0,0529 x 0,1587 mm
Visible area	101 x 76 mm
Scroll function	For graphics up to a size of 640 x 960 pixels

### Electronics/Digitisation

USB port	HID-USB 2.0. Full-Speed-Mode (12 MB/s USB und 64 KB/s HID)
Serial port	Optional via internal virtual serial COM-port
Output rate of coordinates	Up to 500 Hz 4D samples (consisting of x, y, time, pressure)
Internal sampling rate	6.000 samples per second
Power consumption	390mA; while in standby 13mA in HID mode and 8mA in serial mode
Software/SDK/Tools	SDK and tools free of charge incl. updates and new versions
Plug'n'Play	Yes, for both connection types (HID and virtual serial)
Driver	Not necessary for HID-USB. Only for virtual serial port
USB standby support	Yes, when relevant signal is present the device will switch off
Data transfer	AES 256, encrypted data transfer between PC and pad via RSA key exchange

### Sensor

Active signing area	100 x 75 mm
Linearity	+/- 1,5 % in x-, y- and z- direction
Pressure sensor unit	1024 pressure stages
Surface	Special surface for pen input
Resolution	4096 x 4096 pixel absolute / 1388 x 1040 pp

### Other

Cable port	USB
Cable length	1,5 m, optional 5 m or 0,2 m
Weight	356 gramm
Pen	No special pen – cheap replacement
Pen attachment	Highly flexible textile tether
Certifications and standards	TÜV, CE, DIN EN 60950-1, DIN EN 61000-6-1, EN 61000-6-3
ROHS	ROHS compliant
Tamper-proof closure	Optionally the case can be glued
Barcode	A barcode with a serial number is located on the device and the cardboard box
Protection class	IP 52



# signotec

e-signature solutions



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