Full Colour LCD Signature Pad
signotec GAMMA

**SECURE
UNIQUE
BETTER**

MADE IN GERMANY

Quality · Security · Ecology

Electronic signature capture

greatest security

simple and precise

reliable and durable

signotec
e-signature solutions

signotec GAMMA

PRIME SIGN SOLUTIONS

Setting new standards

The ultra-flat signotec Gamma LCD signature pad is an especially compact device with dimensions of only 145 x 177 x 12 mm and sets new standards in terms of design and functionality. It captivates with an elegantly curved shape and successful combination of pen and penholder. The innovative sensor surface made of hardened special glass with ER-technology and high-resolution full colour display guarantees excellent quality and precision in capturing signatures on the pad. The ER-technology is only sensible to the battery-free pen with exchangeable tips and is not influenced by hand touch. The signotec Gamma's construction ensures an extremely long service life of 30 million signatures and an unbeatable durability combined with highest security.

Highly versatile

The signotec Gamma represents the pioneering quality characteristics of the signotec products. Regarding the impressive integration capacity and especially the investment security, signotec sets new standards. For the first time, all kinds of USB connection methods of the signotec pads are available in one device: HID-USB, WIN-USB and virtual COM-Port. You can choose between all connection methods. For example, today the device can be easily connected to a PC via fast WIN-USB and tomorrow to a Linux-Thin-Client via VCOM or the other way round. The virtual COM-Port guarantees customers the highest possible investment protection, because they can switch the pad easily to USB at a later point of time, which is now possible due to the internal USB switch.

Certified and secure

With the signotec Gamma you are on the safe side. Thanks to the additionally available software „signoSign/2", the pad disposes of outstanding security features such as an encrypted data transfer. In addition to the image of the signature, 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 tested by an independent, forensic handwriting examiner. In addition, this system has also been certified by the German TÜV authority.

Your personal touch

We are able to react individually to your wishes. Upon request, individual components can be coloured according to your needs and requirements. Of course your company logo will find its place in the desired colour and we have the optimum solution for multicoloured requirements. With its high resolution full colour display, which makes the excellent display of graphic and text information possible, the signotec Gamma is ideally suited for displaying adverts or customer information.

GERMAN DESIGN AWARD SPECIAL 2016

Awarded in the category:

**Excellent Product Design –
Computer and Communication**

signotec GAMMA
Technical Data

Dimensions

Height	12 mm
Width	145 mm
Depth	177 mm

Display

Type	5" full colour TFT with backlight
Number of colours	16,7 million
Resolution	800 x 480 pixels absolute / 188 x 188 ppi
Scroll function	Yes, for graphics up to 800 x 1.440 pixels
Pixel spacing	0,135 x 0,135 mm
Visible area	108 x 64,8 mm

Sensor

Active signing area	108 x 64,8 mm
Resolution	10.206 x 7.422 pixels / 2.400 x 2.910 ppi
Linearity	+/- 0,4 mm
Technology	ERT (Electronic Resonance Technology), only sensitive to the pen, not influenced by hand touch
Surface hardness	Extremely durable, hardened special glass
Pressure stages	1.024 pressure stages
Pen	Active and battery-free pen with changeable pen tips
Life span of the pen tip	1,2 million at 250 grams pressure and 2,5 cm length
Total life	30 million signatures

Elektronic/Digitisation

Outputrate of the coordinates	500 Hz 4D samples (consisting of x, y, time, pressure)
Internal sampling rate	6.000 samples per second
USB port	HID-USB 2.0. Full-Speed (12 MBit/s) und WinUSB Hi-Speed (460 Mbit/s)
Serial port	Optional via internal USB to serial converter
USB Standby Support	Yes, when relevant signal is present, the device will switch off
Driver	Not necessary for HID-USB. Driver available for WinUSB and vCOM
Software/SDK/Tools	SDK and tools free of charge incl. updates and new versions
Data transfer	AES 256, encrypted data transfer between PC and pad via RSA key exchange
Serial number	Unique and retrievable internal serial number
Firmware	Version is displayed during initialisation and is retrievable via SW
Status display	2 coloured and freely programmable LEDs
Power consumption	450mA; standby 18 mA (HID/WinUSB) und 16 mA (FTDI)
Plug'n'Play	Yes, for both connection types (HID and virtual serial)
Readout protection of the firmware	Yes, flash memory is protected against readout

Other

Cable port	Micro USB with cord grip
Cable length	2,7 meters
Weight	425 grams
Pen attachement	Highly flexible textile tether
Certifications and standards	TÜV, CE, DIN EN 60950-1, DIN EN 61000-6-1, DIN 61000-6-3
ROHS	ROHS compliant
Tamper-proof closure	Optionally the case can be glued
Barcode	A bar code with a serial number is located at the device and the cardboard box
WEEE-Reg.-Nr. (German register for used devices)	DE 41995888
Operating systems	Windows XP (SP3) and later, Windows Server 2003 and later, Windows Terminal server support, Linux; 32 and 64 Bit
Protection class	IP 52

signotec
e-signature solutions

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