

signotec Epsilon Touch PD

15,6" LCD Colour Touch Pen Display

Description and data sheet for signotec Epsilon monitor extension. This device works as a second monitor without any SDK.



Version: 2.1 Date: 2019-05-15



HIGHLIGHTS

- 15.6" lightweight pen display (monitor extension).
- Support from applications with pen-input: take notes, record signatures and draw pictures.
- Wide-Viewing angles with Full-HD Resolution, anti-scratch display.
- Pen-Input: Perfect digital handwriting with 2048-level pen pressure sensitivity.
- Capacitive Touch: 10-point Multi-Touch Input
- Electromagnetic Resonance Technology (ERT).
- No integration via SDK needed, but Low level SDK available.
- Robust 15.6" pen display monitor extension.
- High resolution colour display with 1.920 x 1.080 pixels.
- Extremely flat and modern design.
- Display made of hardened special glass.
- Extreme long service life and robust.
- Battery-free pen with changeable pen tip.
- Electromagnetic Resonance Technology, the sensor is only responding to the pen.
- No malfunction when simultaneously touching the surface with hand.
- Pen-Input: Perfect digital handwriting with 2048-level pen pressure sensitivity.
- Capacitive Touch: 10-point Multi-Touch Input
- Vertical and horizontal pen holder.

- Signature directly on the screen / digital document with application which supporting pen-input.
- Low Level API for Pen-Input available.





TECHNICAL DATA

Alterations for the technical progress, manufacturing tolerances and mistakes reserved at any time! We reserve the right to alter the technical data without prior notice.

Dimensions		
Thickness	40 mm	
Width	380 mm	
Height	248 mm	
rieight	Display	
Туре	15.6" (39.5 cm) full colour TFT LCD pen display extension	
Number of colours	16,7 Million	
Resolution	1.920 x 1.080 pixel absolute	
Pixel pitch	0.17925 mm (H) x 0.17925 mm (V)	
Brightness	190 cd/m ²	
Active Area	344.16mm x 193.59mm	
Viewing Angles	170°	
Surface Treatment	Extremely durable, hardened special glass	
Technology	ERT (Electronic Resonance Technology): Suitable for on-screen	
reamology	hand writing, no influence by hand touch	
Pressure stages	2.048 pressure stages	
Pen	Active and battery-free pen with changeable pen tips	
Life span of the pen tip	approx. 1,2 Mill. at 250g pressure and 2,5 cm length	
Total lifetime	approx. 30 Mill signatures	
	lectronics/Digitisation	
Technology	Pen Display monitor extension via HDMI (1.4) and VGA	
Digitizer Resolution	5.080 LPI	
Output rate of the coordinates	250 Hz 4D Samples (consisting of x, y, time, pressure)	
Accuracy	+/- 1 mm (middle)	
Pen tilt angle	+/- 45°	
Serial number	Unique serial number on product label	
Power consumption	8 W typical, 10 W max.	
Supported Operating Systems	Microsoft Windows, Mac OS, Linux	
Capacitive Touch Sensor		
Multi-Touch	Yes, up to 10-Point Multi-Touch Input	
Operation Force	<10a	
Tapping Durability	>1 million times	
Chattering Time	20ms or less	
Active Touch-Area	344 mm x 193 mm	
Miscellaneous		
Cable port	Power, VGA, HDMI, USB, Audio	
Power Supply Unit (included)	External Power Supply (AC 100-240V; 50/60 Hz)	
Weight	2.5 kg	
VESA mount	Yes, size: 75x75mm	
Theft Protection	Kensington Microsaver Security	
Conformity	CE	
ROHS	ROHS compliant	
Barcode	A barcode with a serial number is located on the device and the cardboard box	
WEEE-RegNo. (German register for used devices)	DE 41995888	
Driver for pen input	https://en.signotec.com/drivers	
Low-Level API for Pen-Input	On request	
Country of Manufacture	China	
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Operating and storage conditions		
Operating temperature	- 10° C to + 60° C	
Storage temperature	- 20° C to + 70° C	
Max. humidity for operating and storage	10% - 90% non-condensing	
Air pressure for operating and storage	> 700 hPa	
Reliability/Quality assurance		
Quality test	Individual testing of devices with test log	
Article numbers		
signotec Delta Colour Pen Display	ST-PDT-156-U100	

Article number description:

ST Manufacturer (signotec)

PD Pen Display

T Capacitive Touch Sensor

156 Display Size

U USB

100 Standard colours regarding logo print and case

Scope of delivery:

signotec Epsilon Touch Pen Display

USB cable

External power supply

HDMI cable

ERT-Pen

3 additional pen tips

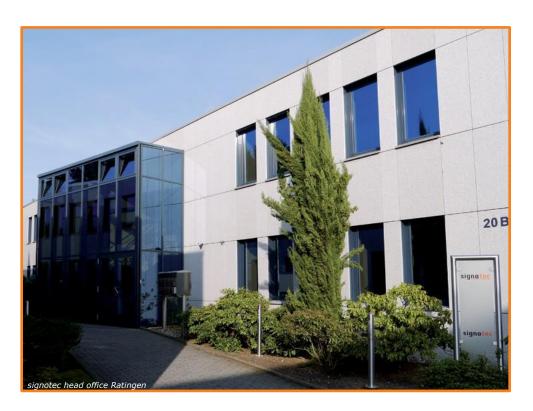
Pen tip replacement tool

Packaging Dimensions (W x D x H):

455 x 385 x 84 mm



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Head Office

signotec GmbH Am Gierath 20 b DE-40885 Ratingen

T.: +49 (0) 21 02 - 5 35 75-10 **F**.: +49 (0) 21 02 - 5 35 75-39

Branch Office North

signotec GmbH Schützenweg 1 b DE-31637 Rodewald T.: +49 (0) 50 74 - 9 67 27-0 F.: +49 (0) 50 74 - 9 67 27-69

Office Erfurt

signotec GmbH Regierungsstr. 28 DE-99084 Erfurt

T.: +49 (0) 21 02 - 5 35 75-36 **F**.: +49 (0) 21 02 - 5 35 75-39

Mail: info@signotec.com Web: www.signotec.com