



# TRUSTED SIGNATURE PAD

Olivetti TSP 100/TSP 70

## HANDWRITTEN BIOMETRIC SIGNATURE ON AN ELECTRONIC DOCUMENT

**Olivetti TSP 100** and **Olivetti TSP 70** are the best choice for digitization of documents requiring signature, because they facilitate the change from signatures on paper to signatures on electronic device. **Signing an electronic document** has never been so similar to signing a paper document.

Thanks to a specially processed glass that gives the same effect as a pen moving across paper, the writing experience is even more realistic. With **Olivetti TSP 100** and **Olivetti TSP 70**, the user can display the entire document to be signed, scroll it, check it, turn the page.

As required under international standards and regulations, the signature is captured together with its **biometric characteristics**, so that it can be used to endorse legally enforceable electronic documents.

Advertising messages and customised promotional **videos can be displayed** on the screen before and after the signature request.

The main target behind the development of the Olivetti TSP devices is to guarantee the **highest level of security**. Maximum security both for signatory and for the party requesting the signature.

Thanks to a **sophisticated biometric data encryption** system based on RSA2048 and AES256 algorithms, which supports encryption of data transmitted over the USB connection and **advanced logical security mechanisms at application level**.



**BIOMETRIC SIGNATURE**



Full document displayed



Adjustable stands and USB port



Best signature experience

- **Olivetti TSP 100:** with a 10" active area to ensure display of complex documents of particular legal importance
- **Olivetti TSP 70:** with a 7" active area, this device guarantees easy reading of the entire document, with the advantage of significantly compact dimensions and a cost comparable to that of pads exclusively for signature capturing
- Ergonomic features for easy document display and signature
- Glass with specially processed surface for realistic reproduction of pen movement, and anti-glare treatment to eliminate interference from light sources
- Electromagnetic resonance technology to prevent wear of the signature surface
- No-battery pen
- Capture of signature biometric data in compliance with ISO/IEC 19794-7
- Screen management software

## TECHNICAL SPECIFICATIONS

PANEL	TSP 100	TSP 70
Panel Size	10.1 Inch	7 Inch
Panel Type	TFT LCD IPS	TFT LCD
Aspect Ratio	16:10	16:9
Active Area	216.96 (W)X135.6 (H) mm	154.21 (W)X85.92 (H) mm
Display Resolution	1280X800	1024X600
Pixel Pitch	0.1695 mm X 0.1695mm	0.1505mm x 0.1432mm
White Luminance (TYP)	160 cd/m <sup>2</sup>	160 cd/m <sup>2</sup>
Color	16.7M Colors	16.7M Colors
Contrast Ratio	800:1	400:1
Viewing Angle	85/85/85/85 @CR≥10	80/80/70/60 @CR≥10

DIGITIZER SENSOR	TSP 100	TSP 70
Technology	Electromagnetic Resonance without Battery	Electromagnetic Resonance without Battery
Resolution	2048LPI	2048LPI
Pressure Levels	1024 (NOT interpolated)	1024 (NOT interpolated)
Accuracy	±0.5mm (Center), ±1mm (Edge)	±0.5mm (Center), ±1mm (Edge)
Tilt Angle	±45°from Vertical	±45°from Vertical
Sensor Height	7mm	7mm
Interface	USB	USB
OS Supported	WinXP, Vista, Win7, Win8	WinXP, Vista, Win7, Win8

PEN	TSP 100	TSP 70
Type	Wireless Pen without Battery	Wireless Pen without Battery
Press Key	Upper Key (Mouse Right-Key Function)	Upper Key (Mouse Right-Key Function)
Pen Tip	User Replaceable	User Replaceable
<b>SECURITY</b>		
Encryption	RSA 2048 key exchange and AES256 encryption	RSA 2048 key exchange and AES256 encryption

POWER SUPPLY	TSP 100	TSP 70
Power Supply Type	USB 5V	USB 5V
Power Consumption	5W	4W

INTERFACE	TSP 100	TSP 70
Video Input	USB 2.0*1	USB 2.0*1
Power LED	RED color	RED color

MISCELLANEOUS	TSP 100	TSP 70
Dimensions	290(L)*210(W)*18.4(H)mm	190(L)*170(W)*17.8(H)mm
Inclination Adjustment	0°, 10°, 15°	0°, 10°, 15°
Net Weight	0.65KG	0.45KG
Working Temperature	0~65°C	0~65°C
Working Humidity	20~80%	20~80%
Storage Temperature	-10~80°C	-10~80°C
Storage Humidity	10~90%	10~90%

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