

## Advanced Performance Line G83-14400/14500 FingerTIP ID Board



### Key benefits

- USB keyboard with fingerprint sensor and PC/SC smart card reader
- Capacitive fingerprint sensor TCS1CD from UPEK (ST-Micro) with TouchChip® technology 256x360 pixel
- Smart card reader CardMan 3121-compatible

### Delivery volume

Keyboard  
Printed manual  
CD with smart card reader drivers and Protektor Suite OEM  
<http://www.ipek.com/products/psuite.htm>

### Approvals

FCC, GS, CE, c-tick, GHOST-R, VCCI  
Microsoft WHQL Windows™ 2000, XP

### System requirements

IBM- or compatible PC  
USB connector  
Windows 98, ME, 2000/ 2003 or XP

### Technical Data

#### Keys:

104 = EU Layout with Windows™ keys  
105 = US Layout with Windows™ keys

#### Host Interface:

USB, bus powered device

#### Smart Card Interface:

Reads and writes all ISO 7816 cards  
supports T=0, T=1, I<sup>2</sup>C (S=8), 2 wire (S=10),  
3 wire (S=9)

#### Card connecting unit:

approx. 100,000 insertions

#### Smart card speed:

412,903 bps

#### Clock frequency Smartcard:

4.8 MHz

#### Sensor Resolution:

508 dpi

#### Weight:

approx. 1190 g (without packaging)  
approx. 1500 g (with packaging)

#### Dimensions:

14400  
approx. 455 x 195 x 54 mm (keyboard)  
approx. 493 x 255 x 59 mm (packaging)  
14500  
approx. 455 x 195 x 44 mm (keyboard)  
approx. 493 x 255 x 52 mm (packaging)

#### Cable length:

approx. 1.75 m

#### Storage temperature:

-20 °C until 60 °C

#### Operating temperature:

0 °C until 50 °C

#### Operating life of individual keys:

> 20 million operations

#### Current consumption:

typ. 100 mA

#### Packaging unit:

40 keyboards per master carton (14400)  
51 keyboards per master carton (14500)  
2 master cartons per pallet

#### Guarantee period:

2 years



## Order description

Order number	Colour	Smart card reader	Software
G83-14401LP Axx-0	light grey	yes	Protektor Suite OEM
G83-14401LP Axx-2	black	yes	Protektor Suite OEM
G83-14501LP Axx-0	light grey	no	Protektor Suite OEM
G83-14501LP Axx-2	black	no	Protektor Suite OEM

Country versions upon request.

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