

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 Protector Suite OEM
<http://www.upek.com/products/protectorsuite.asp>

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, I²C (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:

max .150 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
G83-14401LPAxx-0	light grey	yes	Protektor Suite OEM
G83-14401LPAxx-2	black	yes	Protektor Suite OEM
G83-14501LPAxx-0	light grey	no	Protektor Suite OEM
G83-14501LPAxx-2	black	no	Protektor Suite OEM

Country versions upon request.

Cherry GmbH
Cherrystraße
91275 Auerbach/Opf.
Germany

Phone: +49 9643 18 0

Internet: www.cherry.de
www.cherrycorp.com

Sales: +49 1805 243779 (+49 1805 CHERRY)

E-Mail: sales@cherry.de

Fax: +49 9643 18 1545

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Technical data relate to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

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