

Integrated Security Devices

G83-14601 FingerTIP ID Board with Smart Card



**Full QWERTY Keyboard
with Integrated Fingerprint
Slide Sensor and PC/SC
Smart Card Reader**

Main Applications

Rack Mount Systems
Airlines
Education/Schools
Banking
Medical Equipment
Automotive Equipment
POS/POT
Office/Data Entry
White Box PCs
Field Services
Test Equipment
Kiosk Applications
POS/POT
Manufacturing
Transport

Key Features

- USB keyboard with fingerprint slide sensor and PC/SC smart card reader
- AuthenTec's AES2501B slide sensor features a 192 x 16 pixel array
- Smart card reader
CardMan 3121-compatible

Main Part Numbers

G83-14601LPAEU-2

Black, 105-key USB keyboard with fingerprint slide sensor and PC/SC Smart Card Reader.

Integrated Security Devices

G83-14601 FingerTIP ID Board with Smart Card

Main Part Numbers

G83-14601LPAEU-2



Technical Data

Interface

USB bus powered

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)

Smart Card Speed:

412,903 bps

Smart Card Clock:

4.8 MHz

Current Consumption

max. 150 mA

Cable Length

approx. 1.75 m

Number of Keys

104 = international layout
105 = european layout

Weight

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

Operating System

Microsoft WHQL Windows™ 2000, XP

Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

Agency Approvals

FCC, GS, CE, c-tick, GOST-R, VCCI, VL

Dimensions

approx. 17.9" x 7.7" x 2.1" (keyboard)
approx. 19.4" x 10.0" x 2.3" (packaging)

Packaging Units

40 keyboards per master carton
2 master cartons per pallet

Keyswitch Lifetime

>20 million operations

System Requirements

USB Interface
Windows 2000 or XP, Linux

Insertion Cycles

approx. 100,000

Sensor Resolution

500 dpi

Delivery Volume

1 FingerTIP ID Board
1 printed manual
1 CD-ROM with smart card reader drivers
and fingerprint test application

Warranty

2 Years

For information on repairs or
warranty status contact:

Cherry Technical Support

Phone: 800.510.1689

E-Mail: keyboardsupport@cherrycorp.com

Contact

Call, fax or visit our
website for more information.

Cherry Electrical Products

11200 88th Avenue
Pleasant Prairie, WI 53158

Phone: 262.942.6500

Web: www.cherrycorp.com

E-Mail: sales@cherrycorp.com

Fax: 262.942.6566

The manufacturer accepts no
liability for errors or non-availability,
and reserves the right to change
specifications without prior notice.

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