

Integrated Security Devices

# G83-14201 Biometric Keyboard with Smart Card Reader



**Biometric Keyboard with  
Integrated AuthenTec  
AES4000 CMOS Fingerprint  
Sensor and CardMan 3121-  
Compatible 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 sensor and PC/SC smart card reader
- CardMan 3121-compatible Smart card reader
- AuthenTec AES4000 CMOS Fingerprint Sensor with TruePrint® Technology

#### **Main Part Numbers**

##### **G83-14201LPAUS-2**

Black housing, smart card reader, fingerprint sensor

##### **G83-14201LPAUS-0**

Light grey housing, smart card reader, fingerprint sensor



# G83-14201 Biometric Keyboard with Smart Card Reader

## Main Part Numbers

G83-14201LPAUS-2



## Technical Data

### Interface

USB, bus powered device

### Current Input

Max 150 mA

### Smart Card Interface

Reads and writes all ISO 7816 cards  
supports T=0, T=1, 1<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 Smart Card

4.8 MHz

### Sensor Resolution

(250 dpi)

### Storage Temperature

-20°C to 60°C

### Operating Temperature

0°C to 50°C

### Keyswitch Lifetime

>20 million operations

### System Requirements

USB Connection

### Insertion Cycles

approx. 100,000

### Cable Length

approx. 1.75 m

### Number of Keys

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

### Weight (without/with packaging)

approx. 2.62 lbs. without packaging  
approx. 3.30 lbs. with packaging

### Dimension

17.9 x 7.7 x 2.1 (keyboard)  
19.4 x 10.0 x 2.3 (packaging)

### Packaging Units

40 keyboards per master carton  
2 master cartons per pallet

### Agency Approvals

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

### Delivery Volume

Keyboard, Printed manual, CD with  
smart card reader drivers and Protektor  
Suite OEM

### Warranty

2 years

## Contact

Call, fax or visit our  
website for more information.

### ZF Electronics Corporation

11200 88th Avenue  
Pleasant Prairie, WI 53158

Phone: 262.942.6500  
Web: www.cherrycorp.com

E-Mail: keyboardsupport@zf.com  
Fax: 262.942.6566

Last Update: 2/15/10

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.

© 2008 ZF Electronics Corporation

