

Integrated Security Devices

G83-14401

Biometric Keyboard with Smart Card Reader



**Biometric Keyboard
with Integrated UPEK
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
- Capacitive fingerprint sensor TCS1CD from UPEK (ST-Micro) with TouchChip® technology 256x360 pixel
- Smart card reader
CardMan 3121-compatible

Main Part Numbers

G83-14401LPAUS-2

Black housing, smart card reader with fingerprint sensor, Protektor suite, OEM software

G83-14401LPAUS-0

Lt. grey housing, smart card reader with fingerprint sensor, Protektor suite, OEM software

G83-14401

Biometric Keyboard with Smart Card Reader

Part Number Legend

G83-14401LPAUS-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°C
(S=8), 2 wire (S=10), 3 wire (S=9)

Card Connecting Unit

approx. 100,000 insertions

Smart Card Speed

412, 903 bps

Insertion Cycles

approx. 100,000

Smart Card Clock

4.8 MHz

Clock Frequency Smart Card

4.8 MHz

Biometric Sensor

High resolution wide area touch sensor
TCS1CD from UPEK (ST-Micro) with
TouchChip® technology
256x360 pixel (508 dpi)

Keyswitch Lifetime

>20 million operations

Cable Length

Approx. 1.75 m

Key Layout

Full Size 105 position US key layout
including Windows keys

Weight (without/with packaging)

2.62/3.30 lbs

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

Storage Temperature

-20°C to 60°C

Operating Temperature

0°C to 50°C

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.

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Technical data relates to product
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