

## FingerTIP ID Board G83-14400



Models may vary from the image shown

### USB keyboard with Crossmatch fingerprint sensor and PC/SC smart card reader

Your fingerprint says more than a thousand (pass) words! The capacitive fingerprint sensor from Crossmatch with active capacitive sensing technology grants access to your computer by recognising your fingerprint. The TCS1 sensor from Crossmatch is the largest capacitive sensor on the market and meets the high security requirements in government institutions and public administration. An integrated PC/SC smartcard reader gives the USB keyboard even more usability, for example for protecting personal data in public authorities.

### Key benefits

- USB keyboard with finger print sensor
- Capacitive fingerprint sensor TCS1 from Crossmatch with TouchChip technology
- PC/SC smartcard reader
- CardMan 3121 compatibly

### Technical Data:

#### Layout (country or language):

Product dependant, see table "Models"

#### Housing colour:

Product dependant, see table "Models"

#### Key colour:

Product dependant, see table "Models"

#### Weight (product):

approx. 1190 g

#### Total weight (with packaging):

approx. 1500 g

#### Cable Length:

approx. 1.75 m

#### Storage Temperature:

-20°C to 60°C

#### Operating Temperature:

0°C to 50°C





#### Current Consumption:

max. 150 mA

#### Interface:

- USB

#### Product approvals:

- VDE GS 
- UL 
- CE 
- FCC 

#### System requirements:

- USB plug and USB supporting operating system

#### Delivery Volume:

- FingerTIP ID Board G83-14400
- Printed instructions
- CD-ROM with up-to-date software

#### Dimensions (product):

approx. 455 x 195 x 54 mm

#### Packaging dimensions:

approx. 493 x 255 x 59 mm

#### Keyboard:

- Key technology: NTK
- Service life, standard key: > 20 million key operations
- Operation characteristics: Soft pressure point
- Inscription technology: Laser
- Inscription layout: Standard
- Number of Keys: Product dependant, see table "Models"

#### Smart card reader:

- Hardware interface: USB
- Agency Approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical swipe reader
- Software interface: CT-API, PC/SC, CCID
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <==> card: 412,903 Bit/s
- Transmission speed reader <==> system: max. 12 MBit/s

- Chip card pulse frequency: 4.8 MHz

**Fingerprint reader:**

- Reading principle: Capacitive (surface)
- Resolution: 508 dpi
- Sensor surface: 10.8 x 18 mm
- Hardware interface: USB

**Packaging Unit:**

- Number of products in the master package: 40
- Number of master packages per pallet: 2

**Warranty:**

2 years

Errors, technical changes and delivery possibilities excepted.  
Technical information refers only to the specifications of the  
products. Features may differ from the information provided.

## Models:

(possible country/layout versions, others available on request)

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys
1	FingerTIP ID Board G83-14400	G83-14401LPBAR-2	English (US) / Arabic	black	black	104
2	FingerTIP ID Board G83-14400	G83-14401LPBBE-2	Belgium	black	black	105
3	FingerTIP ID Board G83-14400	G83-14401LPBDE-0	Germany	light grey	light grey	105
4	FingerTIP ID Board G83-14400	G83-14401LPBES-0	Spain	light grey	light grey	105
5	FingerTIP ID Board G83-14400	G83-14401LPBEU-2	US English with EURO symbol	black	black	104
6	FingerTIP ID Board G83-14400	G83-14401LPBFR-2	France	black	black	105
7	FingerTIP ID Board G83-14400	G83-14401LPBSL-2	Slovenia	black	black	105