

SmartBoard G83-6744



Models may vary from the image shown

USB keyboard with chipcard reader

With the secure PIN entry (class 2 reader) and EMV certification, you can rest assured that your data will be transmitted securely. Whether paying with a chipcard, encrypting your data, signing documents or simply registering on the network, you are always secure with the USB keyboard SmartBoard G83-6744. Major benefit: the G83-6744 fulfils the requirements of the law governing electronic signatures (SigG) and the order governing electronic signatures (SigV), giving electronic signatures a new standard of security.

Key benefits

- Common Criteria EAL 3+ certified for electronic signatures
- Secure PIN entry
- PC/SC Smart card reader
- CT-API and OCF support
- Protocols: T=0, T=1, S=8, S=9, S=10
- EMV 2000 Level 1 approved
- CCID compatible
- Reading/writing ISO 781-compliant chipcards

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. 1250 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. 100 mA

Interface:

- USB

Product approvals:

- VDE GS 
- c-tick 
- UL 
- VCCI 
- CE 
- FCC 
- BG-GS 
- FIPS 201 

System requirements:

- USB connection

Delivery Volume:

- SmartBoard G83-6744
- CD-ROM with up-to-date software
- Operating instructions in hard copy

Dimensions (product):

approx. 458 x 195 x 54 mm

Packaging dimensions:

approx. 493 x 255 x 58 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"

Smartcard-Reader:

- Hardware interface: USB
- Agency Approvals: Product dependant, see table "Models"
- 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

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.

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