

## SmartBoard G83-6744



Models may vary from the image shown

### Security keyboard with integrated chip card terminal

The CHERRY SmartBoard G83-6744 is the smart, wired security keyboard with an integrated chip card terminal and extensive security technologies.

### Key benefits

- Smart, wired security keyboard with integrated chip card terminal
- Common Criteria EAL 3+ certified for electronic signatures
- Secure PIN entry
- PC/SC smartcard 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 7816 compliant smartcards
- TAA compliant
- FIPS 201 certified

### 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"

#### Smart card 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.

## Models:

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

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys	Smart card reader Agency Approvals
1	SmartBoard G83-6744	G83-6744LUABE- 0	Belgium	light grey	light grey	105	EMV 2000 Level 1
2	SmartBoard G83-6744	G83-6744LUABE- 2	Belgium	black	black	105	EMV 2000 Level 1
3	SmartBoard G83-6744	G83-6744LUACH- 0	Switzerland	light grey	light grey	105	EMV 2000 Level 1
4	SmartBoard G83-6744	G83-6744LUACH- 2	Switzerland	black	black	105	EMV 2000 Level 1
5	SmartBoard G83-6744	G83-6744LUADE- 0	Germany	light grey	light grey	105	EMV 2000 Level 1
6	SmartBoard G83-6744	G83-6744LUADE- 2	Germany	black	black	105	EMV 2000 Level 1
7	SmartBoard G83-6744	G83-6744LUAEU- 0	US English with EURO symbol	light grey	light grey	104	EMV 2000 Level 1
8	SmartBoard G83-6744	G83-6744LUAEU- 2	US English with EURO symbol	black	black	104	EMV 2000 Level 1
9	SmartBoard G83-6744	G83-6744LUAGB- 2	UK	black	black	105	EMV 2000 Level 1
10	SmartBoard G83-6744	G83-6744LUASF- 0	Sweden / Finland	light grey	light grey	105	EMV 2000 Level 1
11	SmartBoard G83-6744	G83-6744LUASF- 2	Sweden / Finland	black	black	105	EMV 2000 Level 1
12	SmartBoard G83-6744	G83-6744LUAUS- 0	US English	light grey	light grey	104	EMV 2000 Level 1
13	SmartBoard G83-6744	G83-6744LUAUS- 2	US English	black	black	104	EMV 2000 Level 1
14	SmartBoard G83-6744	G83-6744LUZCH- 0	Switzerland	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+
15	SmartBoard G83-6744	G83-6744LUZCH- 2	Switzerland	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
16	SmartBoard G83-6744	G83-6744LUZDE- 0	Germany	light grey	light grey	105	EMV 2000 Level 1, Common Criteria EAL 3+

Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys	Smart card reader Agency Approvals
17 SmartBoard G83-6744	G83-6744LUZDE-2	Germany	black	black	105	EMV 2000 Level 1, Common Criteria EAL 3+
18 SmartBoard G83-6744	G83-6744LUZEU-0	US English with EURO symbol	light grey	light grey	104	EMV 2000 Level 1, Common Criteria EAL 3+
19 SmartBoard G83-6744	G83-6744LUZEU-2	US English with EURO symbol	black	black	104	EMV 2000 Level 1, Common Criteria EAL 3+