

## SmartBoard G83-6644



Models may vary from the image shown

### USB keyboard with smart card terminal

As a SmartBoard with smartcard reader, it is the ideal input device for all applications requiring high levels of security. Equipped with a class-2 reader, the G83-6644 is ideal for authentication, PKI and single sign-on.

### Key benefits

- USB 2.0
- Secure PIN entry
- PC/SC smartcard reader
- CT-API support
- Protocols: T=0, T=1, S=8, S=9, S=10
- CCID compatible
- Reading/writing ISO 7816 compliant smartcards
- EMV 2000 Level 1 approved
- 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. 680 g

#### Total weight (with packaging):

approx. 840 g

#### Cable Length:

approx. 1.80 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 
- CE 
- FCC 
- FIPS 201 

### System requirements:

- USB connection

### Dimensions (product):

approx. 458 x 170 x 52 mm

### Packaging dimensions:

approx. 495 x 200 x 55 mm

### Keyboard:

- Service life, standard key: > 10 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

### Packaging Unit:

- Number of products in the master package: 53
- 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	SmartBoard G83-6644	G83-6644LUABE-0	Belgium	light grey	light grey	105
2	SmartBoard G83-6644	G83-6644LUABE-2	Belgium	black	black	105
3	SmartBoard G83-6644	G83-6644LUACD-2	Canada	black	black	105
4	SmartBoard G83-6644	G83-6644LUACH-0	Switzerland	light grey	light grey	105
5	SmartBoard G83-6644	G83-6644LUACH-2	Switzerland	black	black	105
6	SmartBoard G83-6644	G83-6644LUADE-0	Germany	light grey	light grey	105
7	SmartBoard G83-6644	G83-6644LUADE-2	Germany	black	black	105
8	SmartBoard G83-6644	G83-6644LUAES-0	Spain	light grey	light grey	105
9	SmartBoard G83-6644	G83-6644LUAES-2	Spain	black	black	105
10	SmartBoard G83-6644	G83-6644LUAEU-0	US English with EURO symbol	light grey	light grey	104
11	SmartBoard G83-6644	G83-6644LUAEU-2	US English with EURO symbol	black	black	104
12	SmartBoard G83-6644	G83-6644LUAFR-0	France	light grey	light grey	105
13	SmartBoard G83-6644	G83-6644LUAFR-2	France	black	black	105
14	SmartBoard G83-6644	G83-6644LUAGB-0	UK	light grey	light grey	105
15	SmartBoard G83-6644	G83-6644LUAGB-2	UK	black	black	105
16	SmartBoard G83-6644	G83-6644LUAGR-2	Greece	black	black	104
17	SmartBoard G83-6644	G83-6644LUAIT-0	Italy	light grey	light grey	105
18	SmartBoard G83-6644	G83-6644LUAIT-2	Italy	black	black	105
19	SmartBoard G83-6644	G83-6644LUARB-2	English (US) / Cyrillic	black	black	104
20	SmartBoard G83-6644	G83-6644LUASF-0	Sweden / Finland	light grey	light grey	105
21	SmartBoard G83-6644	G83-6644LUASF-2	Sweden / Finland	black	black	105