

# SmartBoard G83-6644



*Models may vary from the image shown*



## Universal reading and writing!

As a SmartBoard with smart card 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 Smart card reader
- CT-API support
- Protocols: T=0, T=1, S=8, S=9, S=10
- CCID compatible
- Reading/writing ISO 781-compliant chipcards
- EMV 2000 Level 1 approved
- FIPS 201 Certification
- TAA Compliant

## Technical Data:

### Layout:

- 104 position international key layout including Windows keys

### Housing / Key Color:

- Black
- Light Gray (special conditions apply)

### Weight (product):

- 680 g
- 1.499 lbs

### Weight (with packaging):

- 840 g
- 1.851 lbs

## Agency Approvals

- FCC, GS, CE, c-tick, GHOST-R
- EMV 2000 level 1
- Microsoft Windows™

## System requirements:

- USB connection

## Storage Temperature:

- -20°C to 60°C
- -4°F to 140°F

## Operating Temperature:

- -0°C to 50°C
- 32°F to 122°F

## Current Consumption

- max. 100 mA

## Interface

- USB

## Dimensions (product):

- Approx. 458 x 170 x 42 mm
- 18.03 x 6.69 x 1.65 inches

## Packaging dimensions:

- Approx. 495 x 200 x 55 mm
- 19.48 x 7.87 x 2.17 inches

## Keyboard:

- Service life, standard key: > 10 million key operations
- Operation characteristics: Soft pressure point
- Inscription technology: Laser
- Inscription layout: Standard
- Number of keys: 104  
(Product dependant on language)

## Smartcard-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

## Technical Data (Continued)

### Cable Length

- approx. - 1.80 m
- approx. – 5.9 ft.

### Packaging Unit:

- Number of products in the master package 53
- Number of master packages per pallet 2

### Delivery Volume:

- G83-6644 Keyboard
- Printed instructions

### Warranty:

- 2 Years Warranty

## Order Description

<i>Product name</i>	<i>Order Number</i>	<i>Interface</i>	<i>Color</i>
Smartboard G83-6644	G83-6644LUAEU-2	USB	Black

Available in light gray, and various country versions upon request.



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