

Integrated Security Devices

# G83-6744 Smart Card Keyboard

**Full QWERTY Keyboard  
with Integrated Smart  
Card Reader****Key Features**

- Common Criteria EAL 3+ certified for electronic signatures
- Secure PIN entry (class 2 reader)
- PC/SC smart card reader
- CT-API support
- Protocols T=0, T=1, S=8, S=9 and S=10
- EMV 2000 Terminal level 1 approved
- CCID compliant
- Compliant with ISO 7816
- Individual and easy key assignment due to our KeyM@n Software with new, comfort functions
- CAC certified and FIPS 201 compatible

**Main Part Numbers****G83-6744LUxx-0**

Light grey housing, USB connection

**G83-6744LUxx-2**

Black housing, USB connection

**G83-6744LUZxx-0**

Light grey housing, USB connection, EAL 3+ certification

**G83-6744LUZxx-2**

Black housing, USB connection, EAL 3+ certification

The xx in the order description defines the country version.

BE Belgium  
CH Switzerland  
DE Germany  
DK Denmark  
ES Spain  
EU US English/ international €  
FR France  
GB English (UK)  
IT Italy  
NO Norway  
PO Portugal  
SF Sweden/Finland  
US US-English

Integrated Security Devices

# G83-6744 Smart Card Keyboard

## Main Part Numbers



## Technical Data

### Interface

USB full speed

### Current Consumption

max. 100 mA

### Cable Length

approx. 1.75 m

### Number of Keys

104 = US Layout with  
Windows™ keys

105 = EU Layout with  
Windows™ keys

### Weight

approx. 1250 g (without packaging)

approx. 1500 g (with packaging)

### Dimensions

approx. 458 x 195 x 54 mm (keyboard)

approx. 493 x 255 x 58 mm (packaging)

### Packaging Units

40 keyboards per master carton

80 keyboards per pallet

### Keyswitch Lifetime

20 million operations

### System Requirements

USB Connection

### Smart Card Speed:

412,903 bps

### Smart Card Clock:

4.8 MHz

### Storage Temperature

-20°C to 60°C

### Operating Temperature

0°C to 50°C

### Agency Approvals

FCC, GS, CE, c-tick, GHOST-R, VCCI,  
USB 2.0, EMV 2000 level 1, Microsoft  
Windows™ ME, 2000, XP

### Delivery Volume

Keyboard, Printed Manual, Software

### Warranty

2 Years

For information on repairs or  
warranty status contact:

Cherry Technical Support

Phone: 800.510.1689

E-Mail: [keyboardsupport@cherrycorp.com](mailto:keyboardsupport@cherrycorp.com)

## Contact

Call, fax or visit our  
website for more information.

Last Update: 1/01/07

### Cherry Electrical Products

11200 88th Avenue  
Pleasant Prairie, WI 53158

Phone: 262.942.6500

Web: [www.cherrycorp.com](http://www.cherrycorp.com)

E-Mail: [sales@cherrycorp.com](mailto:sales@cherrycorp.com)

Fax: 262.942.6566

The manufacturer accepts no  
liability for errors or non-availability,  
and reserves the right to change  
specifications without prior notice.

Technical data relates to product  
specifications only. Features may  
differ from those described.  
Only drawings combined with  
product specifications shall be  
deemed binding.