

# G81-8040

## POINT OF SALE



*Models may vary from the image shown*

### Facts & Features

- PC/SC and EMV 2000 Compatible
- Top Insertion Smart Card Reader Enables Card to Stay in Plain View of the User
- Supports Maximum Smart Card Speed for Fastest Data Transmission and Highest Read & Write Performance
- Landing Contacts Ensure up to 200,000 Smart Card Insertion Cycles
- Smart Card Reader Drivers for Windows, Linux and Macintosh
- 43 Free Programmable Keys for Easy Layout Configuration

### Technical Data:

**Interface:** USB 2.0

**Current Input:** max. 300 mA

#### Smart Card Reader

##### Standards:

ISO 7816, PC/SC, EMV 2000, CCID cards, CTAPI

##### Protocols:

T=0, T=1, I 2 C (S=8), 2 wire (S=10), 3 wire (S=9)

Data transfer rate from reader to:

Card: up to 420 Kbps

PC: up to 12 Mbps

### Magnetic Stripe Reader

#### Standards:

ISO 7811/-12, AAMVA, JIS

PCI DSS 3.0 Compliant

Others on request

#### Reader Head:

Up to 1 million cycles

#### Reading Speed:

3 – 125 inch/s at 75 Bit/inch

3 – 50 inch/s at 210 Bit/inch

Data is decoded to keyboard scan codes.

### Cable Length:

Approx. 1.75 m / 5.74'

### Key Layout:

Full size 18.5", 104 position US key layout

Including Windows key

### Weight: (without/with packaging)

1850/2300 g,

3.74 Lbs. / 5 Lbs.

### Dimensions:

Approx. 470 x 220 x 64 mm (keyboard)

Approx. 18.5"X 8.6"x 2.51"

Approx. 520 x 280 x 72 mm (packaging)

Approx. 20.47"x 11.02"x 2.83"

#### Packaging Units:

31 keyboards per master carton

2 master cartons per pallet

### Keyswitch Lifetime:

>50 million operations

### Storage Temperature:

-20°C to 60°C

-4°F to 140°F

### Operating Temperature:

0°C to 50°C

32°F to 120°F

### Approvals:

CE, GS, VDE, cURus, FCC, C-Tick,

VCCI, BSMI (USB only) WHQL



**Technical Data Cont.:**

**Available Software:**

- **CHERRY Tools**  
MS Windows™ XP, Vista, Win 7, Win 8
- **CHERRY Tools Runtime:**  
MS Windows™ XP, Vista, Win 7, Win 8  
XP Embedded
- **PC/SC Smart Card Reader Drivers**  
MS Windows™ XP, Vista, Win 7, Win 8  
MS Windows™ CE 3.0 / CE.NET  
(Depends on hardware) Linux, Macintosh
- **OPOS Local Editions**  
(OLE for Point of Sale):  
MS Windows™ XP, Vista, Win 7, Win 8  
XP Embedded

**Approvals**

CE, GS, VDE, cURus, FCC, C-Tick,  
VCCI, BSMI (USB only) WHQL

**Available Software: Continued**

**OPOS Client/Server Edition**

MS Windows XP, Vista, Win 7,  
Win 8  
XP Embedded

**Java POS Local Edition**

(Java for Point of Sale):  
MS Windows XP, XP Embedded,  
Vista, Win 7, Win 8  
Suse Linux V8.0/ Kernel 2.4 or  
higher  
IBM JRE v1.3 and SUN JRE V1.4.x

**Delivery Volume:**

Keyboard, hard copy, CDROM

**Warranty:**

3 years

**Order Description**

<i>Product Name</i>	<i>Order Number</i>	<i>Interface</i>	<i>Color</i>
G81-8040	G81-8040LUV EU-0	USB	Lt. Grey
G81-8040	G81-8040LUV EU-2	USB	Black

Available in various country versions upon request.

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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.