# Point of Sale

# **G81-8040 Series POS Keyboards**



Multifunctional USB Keyboard with Integrated Magnetic Stripe Reader and PCSC & EMV Compatible Smart Card Reader

### **Main Applications**

#### Point of Sale/Retail

- Retail
- Hospitality
- Airlines
- Postal Services
- Car Rentals

#### Point of Transactions/Service

- Banking
- Government
- Healthcare
- Education
- Transportation

### **Key Features**

- PC/SC and EMV 2000 Compatible Smart Card Reader Ensures Universal Application Support
- 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

#### Options

- High Performance Magnetic Stripe Reader with Freely Programmable Headers and Terminators for Each Track
- Selection of Non-keyboard Hexcodes Enhances Security for Credit Card Processing
- Free Parsing and Configuration of Magnetic Stripe Data
- Powerful Configuration Software
  'Cherry Tools' Enhances Functionalities
  When Switching into 'Virtual
  Programming Mode' and Allows
  for Quick Product Setup & Configuration
- Easy Configuration File Transfer with Windows Explorer
- UPOS Drivers for Windows and Linux Support of Client-Server Architectures
- Remote Network Installation with 'Cherry Tools Runtime' Version (USB)
- Full Size Keyboard
- Mechanical Keyswitches are Rated at 50 Million Actuations to Withstand Harsh Environments and Ensure Long Product Lifetime
- Full International 104 Position Key Layout

#### Part Number

#### G81-8040LUVEU-2

Black USB keyboard with 3 track magnetic stripe reader and PCSC/EMV high performance smart card reader. Intl. 104 position key layout. Mechanical key switches, 43 programmable keys. Cherry Tools configuration software and UPOS drivers.

#### G81-8040LUVEU-0

Lt. Grey USB keyboard with 3 track magnetic stripe reader and PCSC/EMV high performance smart card reader. Intl. 104 position key layout. Mechanical key switches, 43 programmable keys. Cherry Tools configuration software and UPOS drivers.

Additional product versions on request.



## Point of Sale

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# **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<sup>2</sup>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 Strip Reader Standards: ISO 7811/-12, AAMVA, JIS 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 keybard scancodes.

Cable Length Approx. 1.75 m

# Contact

Call, fax or visit our website for more information.

Key Layout

Full size 104 position Intl. key layout including Windows keys

Weight (without/with packaging) 1850/2300 kg

Dimension Approx. 470 x 220 x 64 mm (keyboard) Approx. 520 x 280 x 72 mm (packaging)

Packaging Units 31 keyboards per master carton 2 master cartons per pallet

Keyswitch Lifetime >50 million operations

Storage Temperature -20°C to 60°C

Operating Temperature 0°C to 50°C

Available Software Cherry Tools MS Windows<sup>™</sup> 98, ME, 2000, XP

Cherry Tools Runtime: MS Windows<sup>™</sup> 98, ME, 2000, XP XP Embedded

PC/SC Smart Card Reader Drivers MS Windows<sup>™</sup> 98, ME, 2000, XP MS Windows<sup>™</sup> CE 3.0 / CE.NET (depends on HW) Linux, Macintosh OPOS Local Edition (OLE for Point of Sale): MS Windows<sup>™</sup> 98, ME, NT4, 2000, XP, XP Embedded

OPOS Client/Server Edition MS WindowsTM NT4, 2000, XP, XP Embedded

JavaPOS Local Edition (Java for Point of Sale): MS Windows<sup>™</sup> 98, ME, NT4, 2000, XP, XP Embedded Suse Linux V8.0 / Kernel 2.4 or higher IBM JRE v1.3.x and SUN JRE V1.4.x

#### Approvals

CE, GS, VDE, cURus, FCC, C-Tick, VCCI, BSMI (USB only) WHQL (Designed for Windows<sup>™</sup> 2000 and XP)

Delivery Volume Keyboard, Manual, CDROM

2 years

# **ZF Electronics Corporation**

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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.

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