Point of Sale

G81-8000 Series POS Keyboards

Multifuntional Keyboards with Magnetic Card Reader for Commercial Applications

Main Applications

Point of Sale
- Retail
- Hospitality
- Airlines
- Postal Services
- Car Rentals

Point of Transactions/Service
- Banking
- Government
- Healthcare
- Education
- Transportation

Key Features

- Full Size Keyboard Layout.
- Mechanical Keyswitches are Rated at 50 Million Actuations to Withstand Harsh Environments and Ensure Long Product Lifetime.
- Full US 104 Position Key Layout
- Available with PS/2 and USB Interface
- 43 Freely Programmable Keys for Easy Layout Configuration
- 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 (USB)
- Free Parsing and Configuration of Magnetic Stripe Data Stream (USB)
- Powerful 'Cherry Tools' Configuration Software 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)

Options

- 2 USB Downstream Ports (USB)
- 6&9 Pin Ports for Barcode Scanner (PS/2)
- 3-Track Magnetic Card Reader

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G81-8000 Series POS Keyboards

Part Number Legend

G81-8000
MultiBoard

G81-8000
MultiBoard

Main Part Numbers cont.

G81-8000LPAUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and 2 barcode reader ports, US 104 position key layout. Mechanical keyswitches with laser etched keycaps, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LUVEU-2

Black USB keyboard with 3-track magnetic stripe reader and US 104 position key layout. Mechanical keyswitches with laser etched keycaps, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LPAUS-0

Light grey PS/2 keyboard with 3-track magnetic stripe reader and 2 barcode reader ports, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LPDUS-0

Light grey PS/2 keyboard with 3-track magnetic stripe reader, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LPDUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers. Laser etched keys.

G81-8000LPAUS-2

Black PS/2 keyboard with 3-track magnetic stripe reader and two barcode reader ports, US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

G81-8000LUVEU-0

Light grey USB keyboard with 3-track magnetic stripe reader and US 104 position key layout. Mechanical keyswitches, 43 programmable keys. Includes Cherry Tools multifunctional configuration software and UPOS drivers.

Additional product versions on request.

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Technical Data

Interface
PS/2, USB 2.0

Current Input
max. 100 mA (PS/2)
max. 400 mA (USB)

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.

Barcode Ports
6-pin DIN 240 plug (right side)
9-pin SUB-D plug (right rear)

Touchpad
Resolution: 1000 dpi
Two switch-activated mouse buttons

Barcode Decoder
Data is decoded to keyboard
scancodes. Supported barcode
formats are:

EAN/UPC, Code 39, Code 128, Codabar

Interleaved 2/5, Industrial 2/5, Matrix 2/5

Code 93, Code 11, Code 16k, MSI,
Plessey

Cable Length
Approx. 1.75 m

Key Layout
Full size 104 position US key layout
including Windows keys

Weight (without/with packaging)
1800/2050 kg

Dimension
470 x 220 x 64 mm (keyboard)
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™ 98, ME, 2000, XP

Cherry Tools Runtime:
MS Windows™ 98, ME, 2000, XP
XP Embedded

OPOS Local Edition
(OLE for Point of Sale):
MS Windows™ 98, ME, NT4, 2000,
XP, XP Embedded

OPOS Client/Server Edition:
MS Windows™ NT4, 2000, XP,
XP Embedded

JavaPOS Local Edition
(Java for Point of Sale):
MS Windows™ 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

JavaPOS Client/Server Edition:
MS Windows™ 98, ME, NT4, 2000,
XP, XPembedded
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™ 2000 and XP)

Delivery Volume
Keyboard, Manual, CDROM

Warranty
2 years

For information on repairs or
warranty status contact:
Cherry Technical Support
Phone: 800.510.1689
E-Mail: keyboardsupport@cherrycorp.com

Contact

Call, fax or visit our
website for more information.

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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.