Industrial

G81-7040 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)
- Compact 16" Footprint
- Mechanical Keyswitches are Rated at 50 Million Actuations to Withstand Harsh Environments and Ensure Long Product Lifetime
- Full US 104 Position Key Layout

Part Number

G81-7040LUVEU-2
Black 16" USB keyboard with 2 track magnetic stripe reader and PCSC/EMV high performance smart card reader. US 104 position key layout. Mechanical key switches, 43 programmable keys. Cherry Tools configuration software and UPOS drivers.

G81-7040LUVEU-0
Light Grey 16" USB keyboard with 2 track magnetic stripe reader and PCSC/EMV high performance smart card reader. US 104 position key layout. Mechanical key switches, 43 program-mable keys. Cherry Tools configuration software and UPOS drivers.

Additional product versions on request.

CHERRY®

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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^{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 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

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

Weight (without/with packaging)
1700/2100 kg

Dimensions
Approx. 405 x 220 x 64 mm (keyboard)
Approx. 455 x 275 x 72 mm (packaging)

Packaging Units
34 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

PC/SC Smart Card Reader Drivers
MS Windows™ 98, ME, 2000, XP
MS Windows™ CE 3.0 / CE.NET
(depends on HW) Linux, Macintosh

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

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

Contact

Call, fax or visit our
website for more information.

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CHERRY®