

Point of Sale

# SPOS QWERTY Keyboards



**Multifunctional Keyboards  
with Enhanced Key Layout  
and Optional Magnetic Card  
Reader and Touchpad for POS  
and 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 QWERTY Key Layout in Compact 14" Form Factor Combines Maximal Space Efficiency with Uncompromised Alphanumeric Data Entry
- Enhanced US 135/123 Position Key Layout
- Robust Product Design with IP 54 Spill and Dust Resistant Key Field for Harsh Environments
- Plug & Play Configuration for all Common POS Features
- Unique Function Enhancement with 'Cherry Tools' Virtual Programming
- Fully Programmable Keyboard with 54/60 Relegendable Keys for Easy Layout Configuration and Quick Function Calls
- Option for Unlimited Programmability of all Keys in up to 3 Layers Provides Convenient Data Access
- 'Moving of Keys' Allows for Easy Key Position Exchange Including Modifier Functions
- Pop-up Window for Comfortable Display of Programmed Keys
- High Performance 3-Track Magnetic Stripe Reader with Freely Programmable Headers and Terminators for Each Track
- Selection of Non-keyboard Hexcodes Enhances Security for Credit Card Processing
- Dual Insertion for Bidirectional Swipe of Magnetic Stripe Card
- Audible and Visual Indication of MSR Good Read
- Flexible Parsing and Configuration of Magnetic Stripe Data Including Start/Stop Sentinels
- Powerful 'Cherry Tools' Configuration Software Allows for Quick Product Set Up and Configuration
- Easy Configuration File Transfer with Windows Explorer
- Comprehensive UPOS Support for Windows and Linux. Support of Client-Server Architectures
- Remote Network Installation with Cherry Tools Activator and Runtime Version
- Touchpad Versions Ensure Easy Cursor Navigation at Minimal Desktop Surface
- Yellow Status LEDs for Improved Visibility in Rooms with Artificial Illumination
- Accessory Kit Available to Reconfigure Key Layout

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# SPOS QWERTY Keyboards

## Part Number Legend

G86-61410



G86-61411



## Main Part Numbers

### G86-61400EUADAA Qwerty

Black 14" USB keyboard. US 135 position key layout with 32 additional keys. 135 programmable and 54 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61400EUAEAA Qwerty

Light Grey 14" USB keyboard. US 135 position key layout with 32 additional keys. 135 programmable and 54 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61401EUADAA Qwerty TP

Black 14" USB keyboard with touchpad. US 123 position key layout with 20 additional keys. 123 programmable and 60 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61401EUAEAA Qwerty TP

Light Grey 14" USB keyboard with touchpad. US 123 position key layout with 20 additional keys. 123 programmable and 60 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61410EUADAA Qwerty MSR

Black 14" USB keyboard with 3-track magnetic stripe reader. US 135 position key layout with 32 additional keys. 135 programmable and 54 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61410EUAEAA Qwerty MSR

Light Grey 14" USB keyboard with 3-track magnetic stripe reader. US 135 position key layout with 32 additional keys. 135 programmable and 54 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61411EUADAA Qwerty MSR TP

Black 14" USB keyboard with 3-track magnetic stripe reader and touchpad. US 123 position key layout with 20 additional keys. 123 programmable and 60 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G86-61411EUAEAA Qwerty MSR TP

Light Grey 14" USB keyboard with 3-track magnetic stripe reader and touchpad. US 123 position key layout with 20 additional keys. 123 programmable and 60 relegendable keys. IP 54 spill & dust resistant key field. Includes 'Cherry Tools' configuration software and UPOS drivers.

### G99-1779ZUB

Black SPOS Accessory Kit including 1x2 and 2x2 lenses & keybodies, colored paper inserts and blanks.

### G99-1781ZUB

Light Grey SPOS Accessory Kit including 1x2 and 2x2 lenses & keybodies, colored paper inserts and blanks.

Additional product versions on request.



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## Technical Data

### Interface

USB 2.0

### Current Input

Typ. 35 mA

### Magnetic Strip Reader

Standards:

ISO 7811/-12, AAMVA, JIS  
others on request

Durability:

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 scancodes.

### Touchpad

Resolution: 1000 dpi

Two switch-activated mouse buttons

### Cable Length

Approx. 1.85 m

### Key Layout

Compact size 135/124 position US  
key layout including Windows keys

### Weight (without/with packaging)

1.4 kg/1.6 kg

### Dimensions

360 x 198 x 38 mm (keyboard)

415 x 260 x 50 mm (packaging)

### Packaging Units

91 keyboards per master carton  
2 master cartons per pallet

### Keyswitch Lifetime

25 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  
MS Windows™ 2000, XP, XP Embedded

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

JPOS Local Edition  
MS Windows™ 2000, XP, XP Embedded  
Suse Linux V8.1-9.0 / Kernel 2.4  
Suse Linux V9.1 / Kernel 2.6

JPOS Client/Server Edition  
MS Windows™ 2000, XP, XP Embedded  
Suse Linux V8.1-9.0 / Kernel 2.4  
Suse Linux V9.1 / Kernel 2.6

### Approvals

cURus, FCC, CE, BSMI, VCCI,  
C-Tick, GOST-R, WHQL

### Delivery Volume

Keyboard Quick Guide, CDROM

### Warranty

3 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.

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