

# POS-223 HandyPOS

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...for Excellence



## Ultra lightweight aluminum magnesium alloy mobile POS

Housed in an aluminum magnesium alloy enclosure, HandyPOS possesses ultra lightweight appearance yet keeps robust performance making it a model of choice in the mobile POS market. It withstands 1.2 meter drop and tumble and resists greasy, humid and dusty environment due to its water and heat resistance capability. Moreover, the optimizing 8 hours operation time just matches the heavy-loading restaurant application.

The Wifi roaming function keeps the wireless communication always connected while switching among multiple wireless APs (switch within 2 seconds) and the system security function prohibits unauthorized copying, installation or invasion into the application.

- Ultra lightweight Aluminum Magnesium alloy housing
- Durable and rigid enclosure
  - Withstanding 1.2 meter drop
  - Heat resistance of operation temperature up to 50°C
  - Endurance of greasy, humid, dusty and watery environment
  - Prevent dust and water invasion
- Optimized operation time of 8 hours
- Large 3.5" LCD screen
- Built-in vibrator suitable in a busy and noisy environment
- Bluetooth & WLAN communication supportive
- Wifi-roaming function keeps it always on line
- Support system data and application security



### Features



163 g

**Rugged Aluminum Magnesium alloy**



**Water/dust proof**



Uninterrupted Wifi connection

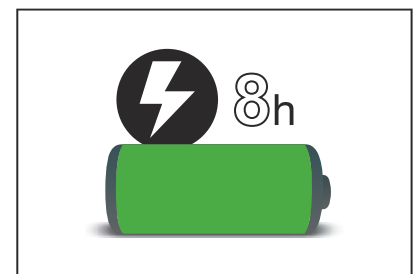
**Wifi roaming function**



**Data and application security**



**Survive of 1.2M drop**



**Operation time 8 hours**

# HandyPOS

## Specification

| Model                                                 | POS-223 HandyPOS                                                                   |
|-------------------------------------------------------|------------------------------------------------------------------------------------|
| Processor                                             | Marvell PXA270 416 MHz                                                             |
| Flash Memory                                          | MDOC 1GB (200MB for OS)                                                            |
| System Memory                                         | Mobile SDRAM 128MB                                                                 |
| <b>LCD / Touch Panel</b>                              |                                                                                    |
| LCD Size                                              | 3.5" TFT LCD                                                                       |
| Brightness                                            | 320 cd/m <sup>2</sup>                                                              |
| Resolution                                            | 320 x 240                                                                          |
| Touch Screen                                          | Resistive touch panel                                                              |
| <b>Wireless Networking</b>                            |                                                                                    |
| Wireless LAN                                          | Built-in 802.11 b / g Wi-Fi                                                        |
| Single SSID                                           | Yes                                                                                |
| Fast Wi-Fi roaming                                    | Yes                                                                                |
| Always on Wi-Fi                                       | Yes                                                                                |
| No popup of neighbor networks selectable by end users | Yes                                                                                |
| Bluetooth                                             | Built-in class 2 Bluetooth 2.0                                                     |
| <b>Expansion I/O Ports</b>                            |                                                                                    |
| Micro SD socket                                       | 1                                                                                  |
| DC input                                              | 2 pad                                                                              |
| Mini USB                                              | 1 (Flash Image and data update)                                                    |
| <b>Internal I/O Ports</b>                             |                                                                                    |
| Internal Speaker                                      | 1 x 1W speaker                                                                     |
| <b>Control / Indicator</b>                            |                                                                                    |
| Power Button                                          | 1                                                                                  |
| LED Indicator                                         | 1 (Power on / off indicator, Battery Status indicator, WiFi Link Status Indicator) |
| Software Reset Button                                 | 1                                                                                  |
| Vibrator                                              | Built-in vibrator motor                                                            |
| <b>Application Security &amp; Protection</b>          |                                                                                    |
| Configurations Protected                              | Yes                                                                                |
| Application Environment Protected                     | Yes                                                                                |
| Prohibit Program Installation                         | Yes                                                                                |
| <b>Data Security</b>                                  |                                                                                    |
| Prohibit File Manager                                 | Yes                                                                                |
| Prohibit Direct File & Database Access                | Yes                                                                                |
| Prohibit File Copy                                    | Yes                                                                                |
| Prohibit Data Access via ActiveSync                   | Yes                                                                                |
| <b>Battery &amp; Power</b>                            |                                                                                    |
| Power Supply                                          | Input: AC 110-240v, 50-60Hz                                                        |
| Main Battery                                          | Li-polymer battery pack ,SONY US454261T 3.7V 1500mA/h                              |
| Battery Operating Time                                | 8hrs (with WiFi always on)                                                         |
| <b>Certificate</b>                                    |                                                                                    |
| EMC & Safety                                          | FCC Class B / CE Mark / UL                                                         |
| <b>Environment</b>                                    |                                                                                    |
| Operating Temperature (Not in charging mode)          | 5°C~ 50°C (41°F ~ 122°F)                                                           |
| Operating Temperature (running charging mode)         | 5°C~ 35°C (41°F ~ 95°F)                                                            |
| Storage Temperature                                   | -10°C~ 60°C (14°F ~ 140°F)                                                         |
| Sealing                                               | IP66                                                                               |
| Fall security                                         | 1.2M drop, 1 drop per side at 25 degreeC                                           |
| <b>Peripheral</b>                                     |                                                                                    |
| Input Device                                          |                                                                                    |
| Charger Cradle                                        | 1 single system charger cradle with power LED indicator                            |
| Charger Adapter                                       | Charger adapter: 5V, 2A                                                            |
| <b>Maintainability</b>                                |                                                                                    |
| Long Product Life Cycle                               | Yes                                                                                |
| <b>Weight</b>                                         |                                                                                    |
| 163g (with battery)                                   |                                                                                    |
| <b>Dimension (W x D x H)</b>                          |                                                                                    |
| 72 x 17 x 126mm / 2.8" x 0.7" x 5"                    |                                                                                    |
| <b>OS Support</b>                                     |                                                                                    |
| Windows® Embedded CE 6.0                              |                                                                                    |

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