

POS223 Mobile POS

Ultra lightweight aluminum magnesium alloy mobile POS

Housed in an aluminum magnesium alloy enclosure, POS223 possesses ultra lightweight appearance yet keeps robust performance making it a model of choice in the mobile POS market. It withstands 1.2 meter tumble and drop test; resists humid, dusty and greasy environment due to its robust structure and material used. Moreover, the optimized over 8-hours operation time can match the most demanding restaurants' duty-shifts. 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 light Aluminum Magnesium alloy housing
- Durable and rigid housing
 - Withstanding 1.2 meter drop
 - Operates in the environment upto 50°C
 - Endurance of greasy, dusty and watery environment
- Optimized operation time of 8 hours and more
- Large 3.5" LCD screen
- Built-in vibrator suitable in a busy and noisy environment
- Built-in Bluetooth & WLAN support
- WiFi-roaming and single SSID feature keeps it always connected
- Support system data and application security



Features



Rugged Aluminum Magnesium alloy



Water / dust proof



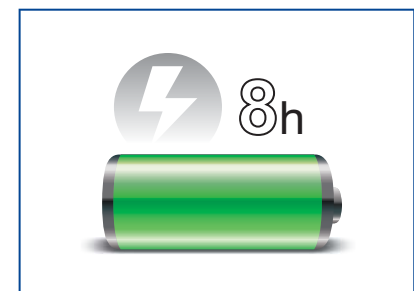
Wifi roaming function



Data and application security



Survive of 1.2M drop



Operation time 8 hours

POS 223

Specification

Model Name	POS 223
Motherboard	B24
Processor	Marvell PXA270 416 MHz
Flash Memory	MDOC 1GB (200MB for OS)
System Memory	Mobile SDRAM 128MB
LCD / Touch Panel	
LCD Size	3.5" TFT LCD
Brightness	320 cd/m ²
Resolution	320 x 240
Touch Screen	Resistive touch panel
Wireless Networking	
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
Expansion I/O Ports	
Micro SD socket	1
DC input	2 pad
Mini USB	1 (Flash Image and data update)
Audio	
Speaker	1 x 1W speaker
Control / Indicator	
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
Application Security & Protection	
Configurations Protected	Yes
Application Environment Protected	Yes
Prohibit Program Installation	Yes
Data Security	
Prohibit File Manager	Yes
Prohibit Direct File & Database Access	Yes
Prohibit File Copy	Yes
Prohibit Data Access via ActiveSync	Yes
Battery & Power	
Power Supply	Input: AC 110-240v, 50-60Hz
Main Battery	Li-polymer battery pack, 3.7V 1500mA/h
Battery Operating Time	8hrs (with WiFi always on) *1
Certificate	
EMC & Safety	FCC Class B / CE Mark / UL
Environment	
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 & Immersion tank water-level on enclosure 30cm above top
Fall security	1.2M drop, 1 drop per side at 25 °C *2 *3
Peripheral	
Input Device	
Charger Cradle	1 single system charger cradle with power LED indicator
Charger Adapter	Charger adapter: 5V, 2A
Magnetic Card Reader (Factory Option Only)	3 Tracks (USB interface)
Maintainability	
Long Product Life Cycle	Yes
Weight	190g (with battery)
Dimension (W x D x H)	72 x 17 x 126mm (2.8" x 0.7" x 5")
OS Support	Windows® Embedded CE 5.0 / 6.0

Product specifications subject to change without prior notice.

*1 Actual operation hours will be affected by the real application environment.

*2 The drop durability height is a measured value resulting from actual testing. It does not necessarily guarantee the product from damage.

*3 The drop durability height does not include the protruding parts.

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