

# Mobile POS Specifications



## PHYSICAL CHARACTERISTICS

Dimensions	6 in. L* x 3.3 in. W x 1.7 in. D 15.24 cm L x 8.4 cm W x 4.4 cm D
Weight (including standard battery)	WWAN standard 1.5X battery: 14.9 oz./423 g WLAN standard 1.5X battery: 14 oz./398 g
Display	Transflective color 3.5" full VGA with backlight, 640 x 480
Touch Panel	Glass analog resistive touch
Backlight	LED backlight
Main Battery	Rechargeable Lithium Ion 3.7V, 3600 mAh Smart Battery
Ext. Cap. Battery	Optional 3.7V, 4800 mAh Smart Battery
Backup Battery	Ni-MH battery (rechargeable) 15mAh 2.4V (not user-accessible)

## PERFORMANCE CHARACTERISTICS

CPU	PXA320 @ 806 MHz processor
Operating System	Microsoft® Windows Mobile® 6.5 Classic and Professional
Memory	256 MB RAM; 1GB Flash
Interface	RS-232, USB 1.1

## User Environment

Operating Temperature	14° F to 122° F/-10° C to 50° C
Storage Temperature	-40° F to 158° F/-40° C to 70° C
Humidity	95% non-condensing
Drop Specifications	Multiple 5ft. drops to concrete at room temperature; Multiple 4 ft. drops to concrete across the operating temperature range; meets and exceeds applicable MIL-STD 810G specifications
Tumble Specifications	1,000 1.6 ft./0.5 m tumbles (2,000 drops); per applicable IEC tumble specifications
Sealing	IP54 per applicable IEC sealing specifications
Light Immunity	Readability: Incandescent – 450 ft. candles; Sunlight – 8000 ft. candles; Fluorescent: 450 ft. candles
Electric Discharge (ESD)	±15kV air discharge, ±8kV direct discharge

## WIRELESS LAN DATA

WLAN Radio	Tri-mode IEEE® 802.11a/b/g
Data Rates Supported	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48 and 54 Mbps
Operating Channels	Chan 8-165 (5040 – 5825 MHz); Chan 1-13 (2412-2472 MHz) Chan 14 (2484 MHz) Japan only. Actual operating channels/frequencies depend on regulatory rules and certification agency
Security	WPA2, WEP (40 or 128 bit), TKIP, TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (CHAP), TTLS-MD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES, LEAP, CCXv4 certified; FIPS 140-2 certified
Spreading Technique	Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplexing (OFDM)
Antenna	Internal for LAN, External for WAN



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