

PARTNER

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Mobile Terminal MT-6320 HC



The MT-6320 HC is a special designed mobile terminal for healthcare environment. It can communicate with other devices based on wireless communication. MT-6320 HC provides user friendly operation interface, supports functions like 1D/2D barcode scanning, RFID tag reading, picture taking and Wi-Fi / Bluetooth communication.

Its field of operation covers wide areas such as mobile nurse work station, clinical transfusion management, doctors ward, medical round management, surgical instrument management, hospital pharmacy, medical distribution management and hospital asset management to help hospitals quickly process the required data.

Especially the shell (housing) is IP65 sealed and made out of antibacterial material, accomplishing requirements in medical industry.

Special features

Supporting Microsoft® Windows Mobile 6.5 operating system

Supporting WiFi, BT and other wireless communication modes

Supporting IR communication

Equipped with LF, HF or UHF RFID module for read/write of RFID tags

Providing 1D/2D barcode scanning, scanner window with Corning® Gorilla® glass

Offering a build-in 5 Mega pixel autofocus camera for photography and video recording

MT-6320 HC

Physical Characteristics

Dimensions	152mm x 68mm x 24mm (LxWxD)
Weight	255g (including standard battery)
Display	3.5 inch HVGA (320x480) high brightness TFT LCD with LED backlight, capacitive touch
Keyboard	31 alpha-numeric keys with backlight
Audio	Built-in loudspeaker and microphone
Indicator	Vibrator alert, LEDs, audio
Operating Environment	-10°C ~ 50°C, 95% (non-condensing)
Storage Environment	-20°C ~ 60°C
Drop Resistance	1.5 meter drops to concrete ground, 500 tumbles (0.5m)
ESD	±15kV air discharge, ±8kV contact discharge
IP-Class	IP65 sealing

System

Operating system	Microsoft® Windows Mobile 6.5
Processor	600MHz high-performance ARM processor
Memory	512MB ROM, 256MB RAM
Expansion and I/O	1x Micro SD card slot (up to 32GB) 1x PSAM card optional 1x Micro USB 2.0 port 1x RS232 port 1x 5V DC charger port
Main Battery	3.7V 4000mAh rechargeable Lithium polymer battery (8h operation, 36h standby) A 6000mAh battery (12h operation, 48h standby) is optional available

Communication

GPS (option)	Integrated high-performance A-GPS chip
WLAN	IEEE 802.11 b/g/n (2.4GHz)
BT	Bluetooth class II v2.0 with Enhanced Data Rate (EDR)
Infrared (option)	Supports DL/T645 protocol, reading distance up to 5m

Data Capture

1D CCD Scanner	Resolution ≥ 5 mil Scan depth 40mm - 430mm Scan speed up to 300 scan/sec.
1D Laser Scanner	Resolution ≥ 4 mil Scan depth 38.1mm - 596.9mm bi-directional Scan speed 104 ± 12 scan/sec.
2D Area Imager Scanner	Resolution ≥ 3 mil Scan depth 41mm - 394mm (standard range) Scan speed 300 scan/sec.
RFID (option)	LF 125kHz / 134.2kHz, HF 13.56MHz, reading dist. up to 50mm, supports ISO14443A(B)/15693, UHF 865-869MHz
Camera	5 Mega pixel, autofocus lens, LED flash

Accessories/Options

Standard	Standard battery, power adapter, USB cable/charging cable, hand strap
Option	GPS feature, RFID LF, HF, UHF, PSAM card, 1D or 2D scanner, Infrared interface/feature, 6000mAh battery, 1-slot cradle for charging + data communication, 4-slot battery charger, Silicon case, Leather pouch



1D Laser / CCD scanning or
2D Imager scanning



Vibrator alert, LEDs, audio



31 alpha-numeric keys
with backlight



Optional with leather pouch

