

# PARTNER

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## Mobile Terminal MT-6320



The MT-6320 is a mobile terminal developed for mobile field service. It is designed to connect your mobile workforce to the enterprise for real-time access to business information and data exchange.

The MT-6320 provides user friendly operation interface, supports functions such as 1D/2D barcode scanning, RFID tag reading, infrared communication modules, GPS, photographing, video recording, Wi-Fi and Bluetooth, and is widely used in various fields, such as retail, manufacturing, fast moving consumer goods, clothing, logistics, warehousing, governments and public utilities.

Featuring high performance and high reliability, the MT-6320 can help enterprises boost productivity and increases profitability.

### 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

### 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)<br>1x PSAM card optional<br>1x Micro USB 2.0 port<br>1x RS232 port<br>1x 5V DC charger port              |
| Main Battery      | 3.7V 4000mAh rechargeable Lithium polymer battery (8h operation, 36h standby)<br>A 6000mAh battery (12h operation, 48h standby) is optional |

### 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<br>Scan depth 40mm - 430mm<br>Scan speed up to 300 scan/sec.                          |
| 1D Laser Scanner       | Resolution ≥ 4 mil<br>Scan depth 38.1mm - 596.9mm bi-directional<br>Scan speed 104 ± 12 scan/sec.        |
| 2D Area Imager Scanner | Resolution ≥ 3 mil<br>Scan depth 41mm - 394mm (standard range)<br>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

