

IMX-3000

Industrial Mobile Handheld Computer



Features

- Android 4.0 operating system
- 3.8" WVGA (480 x 800) TFT-LCD; sunlight readable; five point capacitive touch screen
- Wireless radio
 - WLAN: IEEE 802.11 b/g/n
 - WPAN: V4.0
 - WWAN: WCDMA 850/1900/2100; GSM 850 /900/1800/1900; HSDPA: 7.2Mb/s; HSUPA: 5.76 Mb/s
- GPS - enabled & AGPS supported
- Data capture: CCD/1D laser engine/ 2D imager/NFC PN544 (13.56 MHz)
- 5M pixel camera with AF flash LED (standard)/ 2M pixel CMOS without AF (optional)
- Rechargeable 2600mAh Li-ion battery/3.7V, Rechargeable 3900mAh Li-ion battery/3.7V (optional)
- 1.5m drop (with protective cover) and IP 54 rating

Specifications

Physical Characteristics

| | |
|------------------------------|---|
| Dimensions (L x W x H) | 140.9 x 72.9 x 27.3(mm) / 5.5 x 2.9 x 1.1(inch) |
| Weight | 177g ± 5g (excluding battery) |
| Expansion slot | microSD x 1, support microSDHC |
| SIM slot | SIM slot x1 |
| SAM slot | SAM slot x1 (for NFC) |
| Notification | Vibrator, triple LED (R, G, B) |
| Keypad/Button | 5 keys, 2 side keys |
| Audio speaker | 90dB 1KHz @ 10cm |
| Headset/Receiver/ Microphone | 3.5 mm headset x 1 / Receiver x 1/ Microphone x 1 |
| Light sensor | With Light sensor |
| G sensor | With G sensor |
| E-Compass | With E-Compass |
| Proximity sensor | With proximity sensor |

Performance Characteristics

| | |
|-----------|----------------------------------|
| CPU | 1.2GHz dual CPU |
| Memory | 768MB DDR SDRAM / 4GB eMMC Flash |
| Interface | USB 2.0 OTG |

Data Capture

| | |
|-----|----------------------|
| CCD | CCD imager |
| 1D | 1D laser engine |
| 2D | 2D imager |
| NFC | NFC PN544 (13.56MHz) |

Wireless

| | |
|------|--|
| WLAN | IEEE 802.11 b/g/n |
| WPAN | Bluetooth V4.0 |
| WWAN | WCDMA 850/1900/2100; GSM 850/900/1800/1900; HSDPA: 7.2Mb/s; HSUPA: 5.76 Mb/s |

Working Environment

| | |
|-----------------------|--|
| Operating Temperature | CCD: -10°C ~ 40°C (14°F ~ 104°F) 1D/2D: -10°C ~ 50°C (32°F ~ 104°F) |
| Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F |
| Charging Temperature | 0°C ~ 40°C / 32°F ~ 104°F |
| Humidity | 10% to 90% @ 25°C, non-condensing |
| Drop Spec | 1.5m drop (with protective cover) |
| Sealing Spec | IP54 |
| Electrostatic | +/- 12KV (air discharge), +/- 8KV (direct discharge) |

Product Illustration



Ordering Information

Modules

| Model Number | Description/Configuration |
|--------------|---|
| IMX-3020 | Rugged Handheld unit, CCD, Qualcomm, Android 4.0, NFC, 2M camera, BT/WiFi, GPS, 3.5G high speed, 2600mAh - EU |
| IMX-3150 | Rugged Handheld unit, Laser, Qualcomm, Android 4.0, NFC, 5M camera, BT/WiFi, GPS, 3.5G high speed, 2600mAh - EU |
| IMX-3250 | Rugged Handheld unit, 2D, Qualcomm, Android 4.0, NFC, 5M camera, BT/WiFi, GPS, 3.5G high speed, 2600mAh - EU |

Accessories

| Model Number | Description/Configuration |
|--------------|---|
| IMX-1100 | Charging cradle with extra battery slot |

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