

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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