IMX-3000 Industrial Mobile Handheld Device



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 (option)
- Rechargeable 2600mAh Li-ion battery / 3.7V
- 1.2m drop and IP54 sealing

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 (Combo with microSD slot)
SAM slot	SAM slot x1 (for NFC)
Notifcation	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
Compass	With 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) with SAM slot x 1

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 : 0°C ~ 40°C 1D & 2D : -10°C ~ 50°C
Charging Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Humidity	10% to 90% @ 25°C, non-condensing
ESD	+/- 12KV (air discharge), +/- 8KV (direct discharge)

iMX™ ADLINK TECHNOLOGY INC.

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Product Illustration



Ordering Information

Model Name	Description
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
IMX-1100	Charging cradle with extra battery slot