POINT Mobile

IU9060

ALL YOU NEED RUGGED UHF HANDHELD TERMINAL

Unbeatable power of RFID UHF performance in your working environment

IU9060 is an RFID UHF Gen 2 specialized handheld terminal. With built-in omnidirectional ceramic antenna, you can read Gen2 standard tag from 1m(3.3ft) to 4m(13.2ft) upon RFID tag size. Since specific country has different EPC frequency band, IU9060 can be tuned by firmware with different frequency and flexible RF power before releasing from the factory.

Maximize work-shift efficiency with the world-longest 5,000mAh Li-ion battery

To extend your workforce available 24/7, IU9060 has the 5,000mAh Li-ion rechargeable battery. IU9060 may continuously being used more than 12hours under the conditions of WLAN-On, RFID/Barcode scanner using and standard LCD backlight brightness.

Various wireless communication features and all-in-set accessories

You can select 3G HSDPA optionally, the standard unit of IU9060 has WLAN IEEE 802.11 b/g and Bluetooth Class II version 2.0 plus EDR as standard features. To make you hassle-free from ordering required accessories, we already preset all necessary accessories in IU9060 standard box; such as single-slot cradle, stylus pen & tether, 5,000mAh main battery, detachable gun-handle, hand strap, USB sync cable and LCD protection film.

Enjoy fast & accurate barcode scanning for both 1D & 2D

You can select either a laser scanner or an imager scanner as built-in option. Laser scanner supports all standard 1D symbologies. The imager has laser aimer for easy aiming and can read all standard 1D/2D barcode symbologies and GS1 Databar. You can also have great benefit for reading poor-printed and damaged barcodes.
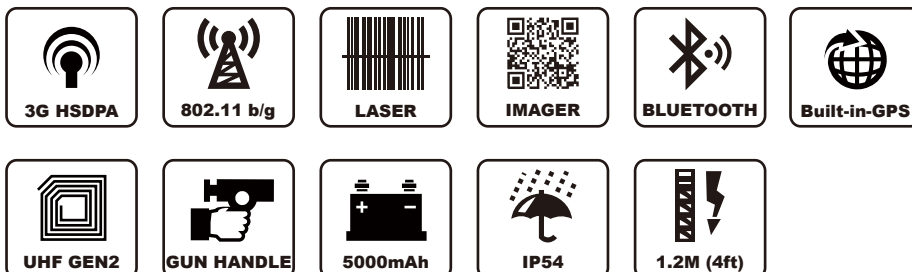
Robust & rugged spec keep your TCO low and minimize down-time

The IU9060 is designed from the ground up for rugged applications. With its IP54 water/dust proof sealing, 1.2m (4 ft) repeated drops to concrete, and wide operating temperature range the IU9060 stands up to most any demanding application.

IU9060 is first UHF RFID handheld product from Point Mobile in order for you to bring great benefit of RFID to your workplace. EPC Gen2 certified UHF module that is software definable into specific country EPC frequency band and omnidirectional antenna will provide maximum performance of UHF RFID, superior from traditional 1D/2D barcode reading.

This superb handheld computer can be suitable on both inside- & outside-4-wall applications, such as picking & packing at warehouses & distribution centers, container handling at ports, baggage & ULD handling at airport cargo terminal as well as fixed asset management of both corporate inside & outside properties.

3G HSDPA	802.11 b/g	LASER	IMAGER	BLUETOOTH	Built-in-GPS
UHF GEN2	GUN HANDLE	5000mAh	IP54	1.2M (4ft)	

Technical Specifications

Physical characteristics
Dimensions:
212 x 52.5 x 24.4mm (8.34 x 2.0 x 0.96 in)
Depth of handle: 143.5mm (5.65 in)
Depth of UHF antenna: 94.8mm (3.73 in)
Weight:
634g (22.3oz) with gun handle & 5,000mAh battery

Environmental
Operating: -20°C to 60°C (-4°F to 140°F)
Storage: -40°C to 70°C (-40°F to 158°F)
Relative Humidity: Non-condensing, 95%
Rain & Dust Proof: IP54
Drop Specification: 1.2m (4 ft) with
gun handle on concrete
ESD: +/- 15 kV air discharge,
+/- 8 kV contact discharge

Power
Standard Battery: 5,000mAh Li-ion rechargeable
IEEE 1725 Compliant

Operating System
Windows CE .NET 5.0 Professional

Micro-Processor
Marvel PXA300 @ 624Mhz

Memory and Storage
Memory: 128MB RAM
ROM: 128 NAND Flash ROM
User-accessible micro-SD cards up to 32GB SDHC

Display
3.5 in, 240 x 320 pixel (QVGA) transflective
TFT-LCD, 65K colors, LED backlight, Touch Screen

Standard Communications
Full speed USB 2.0 from either cradle or
USB sync cable
RS232 (115 Kbps) from cradle

Wireless WWAN
UMTS Frequencies: 850, 1900, 2100Mhz
GSM/GPRS Frequencies: 850, 900, 1800, 1900Mhz
Technology Class UMTS: 3.5G HSDPA
Max speeds: Uplink–384 Kbps; Downlink–3.6 Mbps
Antenna: Internal

Wireless LAN
IEEE 802.11 b/g Data rates: 11 & 54Mbps
Operating channels: 1 to 13 (2.4Ghz)
Regulatory compliance: As per IEEE 802.11d
Security: WEP/WPA/WPA2 and more
Authentication: PEAP/MS-CHAPv2, EAP-TLS

Wireless PAN
Integrated Bluetooth Class II, Ver.2.0+EDR
Operating channels: 0 to 78 (2402-2480 Mhz)
Data Rates: 1, 2, 3 Mbps

RFID Ultra High Frequencey
Reading range: 1m to 4m (3.3ft to 13.2ft)
dependent on tag size
Operating frequency: 860-960Mhz, firmware
definable for specific country frequency
EPC Class1 Gen2 compliant (ISO18000-6)
Antenna: built-in, ceramic antenna, omnidirectional

Global Positioning System
12 channel integrated GPS: assisted via WAN carrier:
Network independent: accuracy within 3m

Integrated Barcode Scanner
1D Laser Scanner: supprting all 1D standard
symbology & Postal code
2D Imager Scanner: supporting all 1D/2D
standard Symbology including GS1 Databar

Audio Support
Supports VoIP, Built-in microphone and speaker,
receiver and headset jack (3.5mm)

Keypad Options
Numeric (27 key) with backlight

Accessories
Standard accessories: AC/DC power adaptor &
country plug, Stylus pen & tether, Hand strap,
Standard battery, Gun handle, LCD protection film,
USB sync cable

Regulatory Approvals and Compliance
Safety: EMC, UL, RF, Laser, LED approvals
Radio: FCC, CE, KCC Marks
Environmental: RoHS & WEEE compliant

Standard accessories

AC/DC Power Adaptor

Standard Battery

Stylus pen and tether

USB Sync cable

Hand strap

Single-slot cradle

LCD Protection Film

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