



DS5v UHF

Industrial UHF Mobility Solution

Advanced technology for the new paradigm of UHF integration



One-hand
Fitting Grip



4.3 inch
Display



Rugged
Display
Construction



IP 67



1.8m Drop



Large Battery
Capacity



Enterprise
Class



Mini USB
Charging
& Sync



1D/2D
Barcode



RFID



GPRS/EDGE
Class 12



HSPA+



CE 6.0
WEH 6.5



Reader Performance

Description	Value
MODEL	IDR0900MI
Architecture	UHF RFID Reader Module
Protocol	EPC Gen2(ISO 18000-6C)
Frequency	917.3MHz to 920.3MHz (Korea) 860MHz to 960MHz (Customizable)
Max Tx Power	30dBm±1dBm (1W)
Power control	5dBm to 30dBm (1dB step)
Hopping Channels	6 (Korea), 50(USA), 4(EUROPE)
Channel Spacing	600KHz (Korea, EUROPE), 500KHz(USA)
Channel Dwell time	< 0.4 seconds
Modulation Method	PR-ASK
Supply voltage	3.8 ~ 4.2V (typ. : 4V)
Max Current (max. power)	< 1.4A
Tag Read Distance(Max.)	< 10m
Operating Temperature	-10℃ to +50℃
LED Indicators	Data
Signaling	UART, Baud rate(115200bps)

Unique Camera Positioning : UHF Body Mount



Handheld Industry's UHF sensor housing was always challenging for camera feature to be sustained. Mobilebase's technology stepped up level further for world market's user convenience by overcoming such limitation.

Camera aim can be aligned to the direction of user's barcode scanning and RFID tag reading.

Mobilebase's specialized antenna and circuit construction now dedicates to the operational efficiency. Users will never have to tilt their wrist to switch between barcode scan, photo shoot and RFID reading but get all the jobs done in gun-pointing stance.

Platform Expandability : Android 4.2 Configured

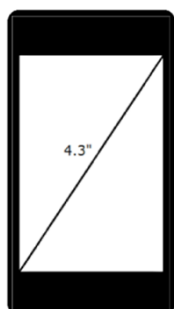
Mobilebase has seen the success of Windows Compact Edition 6.0 and Windows Embedded Handheld 6.5, and now OS platform range has extended towards rapid-growing market demand of Android.

Mobilebase's Android 4.2 Jelly Bean empowers device features suitable to industry preference. This version of Android has proven its talent that is ready to serve industrial user's operational needs in many aspects.

DS5v's 8GB ROM will stack several memory functions vertically thus high performance industrial application can run on the unit seamlessly, including multi-user account feature.



4.3" Display : Operation Control via Stand out UI



3.5" display still stands as a common criteria of screen factor. 3.7" to 4" screen came to an attractive option over certain period of time.

Larger screen has become general trend in mobility, and it has affected industrial users as well.

Mobilebase challenged crossover form factor solution by launching 4.3" display, as global users want both the trendy screen size and hardware keypad option. DS5v UHF model is the first of its kind.

Regional Coverage : Channel / Frequency

CH	ASIA	AMERICA	EMEA
0	917.3	902.75	865.7
1	917.9	903.25	866.3
2	918.5	903.75	866.9
3	919.1	904.25	867.5
4	919.7	904.75	
5	920.3	905.25	