

# DOTH-300U

## LONG RANGE UHF RFID READER

Made for Work Efficiency



### Features

#### Reliability

Reliable long range performance allows accurate and time-saving inventory control in various application fields. Inventory check can be carried out more often and quickly. Then it enables better inventory and assets management.

#### Efficiency

Integrated RFID and barcode reader in one device delivers alternative data capture and cost saving ownership. 2-in-1 feature brings out satisfactory performance at the scene.

#### Optional Accessories

Authentic accessories to support users convenience are also ready.

#### Ready for daily working

Rugged design helps reliable operation at daily working environment no matter where. It has IP65 and resists to 1.5m drop to metal surface.

#### Ergonomic design

Easy to handle with ergonomically designed pistol grip let operators use the products with less fatigue.

For more information on the DOTH-300U RFID reader, please visit us on the web at [www.dotel.co.kr](http://www.dotel.co.kr) or send email to [sales@dotel.co.kr](mailto:sales@dotel.co.kr) or [support@dotel.co.kr](mailto:support@dotel.co.kr)

<b>Physical Characteristics</b>		
Dimensions (W x H x D)		75 x 174 x 129
Weight		530g (incl. main battery)
Display		3.5" QVGA (240 x 320) color touchscreen w/backlight (optional VGA 480 x 640)
Keypad Options		Alpha-Numeric 32-key (optional QWERTY, AZERTY)
Expansion Slot		1 x microSD Slot (SDHC), 1 x SIM Slot
Audio		Speaker, 3.5mm Jack
Battery	Main	Rechargeable Li-ion Polymer 4,000mAh
	Gun	Rechargeable Li-ion 2,600mAh
	Backup	Rechargeable Li-ion 100mAh
<b>Performance Characteristics</b>		
CPU		Marvell PXA320, 806MHz
OS		MS Win Mobile 6.5 (alternative Win CE 5.0 Pro)
Memory	RAM	256MB
	ROM	512MB (Up to 1GB)
Standard I/O		USB 2.0 Client, USB 1.1 Host, (optional Ethernet, DC via Gender or Cradle)
<b>User Environment</b>		
Drop Specification		1.5M drop to metal surface
IP Level		IP65
Operating Temperature		-10 ~ 60 °C
Storage Temperature		-20 ~ 70 °C
Humidity		5 ~ 95% non-condensing
<b>Network</b>		
WWAN Radio		GSM/GPRS/EDGE/HSUPA
WLAN Radio		IEEE 802.11 a/b/g (optional b/g/n)
WPAN Radio		Bluetooth v2.0, Class II
GPS		Internal Antenna
<b>Data Capture</b>		
Barcode Scanner		2D CMOS Imager (optional 1D Laser Class II)
Camera		3M Pixel with Auto Focus & Flash
RFID (UHF)	Protocol	EPC Class1 Gen2, ISO/IEC 18000-6C
	RFID Output Power	1W (30dBm)
	Frequency	865 ~ 928MHz
	Reading Range	0M ~ 5M (dependens on tag and user envirionment)
	Antenna	Circular Polarization, Linear Gain : 0.5dBi, Circular Gain : 3.0dBic