

# Orca UHF Handheld Terminal

## UHF Handheld Terminal for Textile Services Applications

HID Textile Services' handheld terminals offer a convenient mobile linen inventory solution. Lightweight and compact, they embark a powerful RFID RAIN® (UHF) reader providing outstanding read and write performance.

Orca-50-Air UHF handheld data terminal offers optimal performance and excellent multi-tag identification ability. Orca-50-Air offers a lightweight, elegant and compact design, featuring a large 5.00" LCD screen. It uses industrial and military grade components to ensure stability and endurance in harsh environments, with excellent drop protection. Its pistol style hot swapping battery system makes backup battery more convenient to be restored, so that the operating time is unlimited.

HID Textile Services provides an innovative and highly performant Cloud-based Linen Inventory Management Platform (ACUITY®), enabling the industrial Laundry industry worldwide as well as their Hospitality and Healthcare customers, to gain continuous access to real-time inventory visibility/availability of their textile assets and to make intelligent business decisions to increase their profitability.



### KEY BENEFITS

- High performance mobile reader
- Android 6.0 system with 5 inches touch screen
- Rugged, drop resistant yet lightweight

**ASSA ABLOY**

**ASSA ABLOY Global Solutions**

The global leader in  
door opening solutions

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## KEY TECHNOLOGY HIGHLIGHTS:

- 865 to 928 MHz, EPCglobal C1 Gen 2, ISO 18000-63
- Pistol style hotswapping battery system
- Connected to HID's Textile Services ACUITY platform

## TYPICAL APPLICATION AREAS:

- Laundries
- Hotels
- Hospitals
- Nursing homes



	UHF Handheld Terminal
	Orca-50-Air
Base Model Number	DDP16450 (EU), US on request
	<b>ELECTRICAL</b>
Operating Frequency	865-868 MHz
Communication Protocols	WiFi, Bluetooth® 4,0, 3G and 4G supported
Power	6 000 mAh chargeable li-polymer battery pack, pistol style hotswapping system
Power Supply	5 VDC, 2 A USB Power Supply
RFID output power	0-33 dBm
Compatible Host Devices	Supports up to 32 GB Micro SD/SDHC Card. Bluetooth® functionality
Host Protocol	ACUITY Platform
	<b>PHYSICAL</b>
Dimensions	6.3 x 3.1 x 4.7 in (16 x 8,2 x 12,9 cm)
Weight	20.4 oz (580 g)
LCD Touch screen	5 inches / 1280*720 / IPS / 180° view angle / 1,1mm thickness tempered glass / operable with gloves
Material	CNC aluminum, PC + ABS
Protection Grade	IP64
	<b>THERMAL (AIR)</b>
Operating	-4°F to 140°F (-20°C to 60°C)
Storage	-22°F to 158°F (-30°C to +70°C)
	<b>OTHER</b>
Standards	EPC Global Class 1 Gen 2, ISO 18000-6C, ISO 18000-6B
Includes	Two batteries, Battery Bay, Charger & USB ata cable, hanging lace
Options	Belt holster with fixed or rotatable clip and strap