



ALH-900x

COMPACT/CONNECTED HANDHELD RFID READER

The Alien Technology® enterprise-level ALH-900x family of “connected” handheld readers enables users to deploy manageable, robust, best-in-class EPC Gen 2 RFID solutions for supply chain, manufacturing, and asset management applications.

FEATURES

- Rugged yet **compact** and lightweight for ease of use.
- Ergonomic design provides superior user comfort.
- **“Connected”** via the full set of wireless networking.
- IP65 sealing for dust and water resistance
- Choose between standard or high-end model to accommodate your needs
- Prolonged usage capabilities provided by a 3,000 mAh lithium polymer main battery pack

Benefit	Enabled By:	What does this mean to me?
Ease of Use	<ul style="list-style-type: none"> • Simple intuitive hardware & software 	<ul style="list-style-type: none"> • Easy to set up and deploy • Less maintenance and overhead • Minimizes network infrastructure
Rugged, yet light, compact, and ergonomic	<ul style="list-style-type: none"> • Rugged IP65 rated exterior • Light-weight and smaller than comparable solutions 	<ul style="list-style-type: none"> • Low risk enterprise solution • Easier to handle than other solutions
Full featured & expandable	<ul style="list-style-type: none"> • Enterprise class Microsoft O/S • 1D or 2D bar code support • WiFi, Cellular, GPS, and Bluetooth • Slots for memory, SIM's, 2nd battery 	<ul style="list-style-type: none"> • Single solution for all handheld needs • Grows with your needs • Wireless simplicity



Compact/Connected Enterprise Handheld

This feature-rich reader delivers exceptional performance with best-in-class receive sensitivity, enhanced interference rejection, compact ergonomic footprint, delivering high read rates for demanding applications in an easy-to-integrate, easy-to-manage package.

Fully Loaded

The ALH-9000 comes well featured including basic bar code (1D) capability and WiFi connectivity to your corporate network. The 3.5” touch sensitive color display clearly conveys reader status and enables interaction with standard or customized applications. A memory expansion slot is standard for flexibility for additional local storage.

Standard accessories include:

- Cradle with ethernet and USB
- Gun handle
- Sync cable
- Power adapters for US or Europe
- Stylus pen
- Hand strap
- Protective screen film

The step-up unit, the ALH-9001 adds a number of features including 2D bar code reader, camera (with flash), Bluetooth, GPS (for location aware applications), and HSDPA 3G cellular connectivity for use beyond corporate WiFi areas.

Both units are offered in “US” or “European” frequency options.



ALH-9000 and ALH-9001 Compact/Connected Handheld RFID Reader

High Performance, Easy to Use, Easy to Manage, Easy to Deploy

Specification	ALH-9000
RFID Reader	RFID UHF reader US or EU
Scanner	1-D bar code
Networking	Wireless WLAN 802.11b/g
Communications	USB host & client
Operating System	Windows CE NET 5.0
Display	3.5" color QVGA touch screen
CPU	Marvel PXA320, 820MHz
Memory	128MB RAM / 256MB ROM
Battery	3,000mAh lithium polymer
Expansion Slot	1 Micro SD slot, 1 SIM slot

Ordering Information	Handheld
ALH-9000	This is the 9000 bundle with all the accessories for the US UHF RFID band
ALH-9000-EMA	This is the 9000 bundle with all the accessories for the European UHF RFID band
ALH-9001	This is the 9000 bundle with all the accessories, plus the added features of the 9001 for the US UHF RFID band
ALH-9001-EMA	This is the 9000-EMA bundle with all the accessories, plus the added features of the 9001 for the European UHF RFID band

Accessories	ALH-9000
Gun Handle	
Cradle with Ethernet	
Sync Cable	
Power Adapter US or EU	
Stylus Pen	
Hand Strap	
Protective Film	

Ordering Information	Accessories
ALX-503	4,400mAh high capacity battery for gun handle option
ALX-504	Spare 3,000mAh standard lithium polymer battery
ALX-505	Leather case
ALX-506	Vehicle charger cable

ALH-9001 Step-Up Features	Added to the ALH-9000 Bundle
Scanner	2-D bar code scanner
Camera	3 mega-pixel fixed focus with flash
Body Network	Wireless Bluetooth v2.0, Class II (SPP)
Cellular Network	Wireless HSDPA
Location Services	GPS
Battery	Additional 4,400mAh high capacity battery

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HANDLING PRECAUTIONS Observe standard handling practices to minimize ESD.

DISCLAIMER Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

This product is covered by one or more of the following U.S. patents: 7716208, 7716160, 7688206, 7671720, 7659822, 7619531, 7615479, 7598867, 7580378, 7576656, 7562083, 7561221, 7559486, 7559131, 7554451, 7411503, 7385284, 7377443, 7364084, 7353598, 7342490, 7324061, 7321159, 7301458, 7295114, 7288432, 7265675, 7262686, 7215249, 7214569, 7199527, 7193504, 7173528, 7172910, 7172789, 7141176, 7113250, 7101502, 7080444, 7070851, 7068224, 7046328, 6998644, 6988667, 6985361, 6980184, 6970219, 6952157. Other patents pending.

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Alien Technology
18220 Butterfield Blvd.
Morgan Hill, CA 95037
866-RFID NOW
www.alientechnology.com