The Alien Technology® enterprise-level ALH-90xx 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
- **Windows Mobile 6.5** and **Windows CE 5.0** available

Benefit	Enabled By:	What does this mean to me?
Ease of Use	• Simple intuitive hardware & software • Simple interfacing to corporate networks	• Easy to set up and deploy • Less maintenance and overhead • Minimizes network infrastructure
Rugged, yet light, compact, and ergonomic	• **Rugged IP65 rated design** • **Light-weight** and **smaller** than comparable solutions	• Low risk enterprise solution • Easier to handle than other solutions
Full featured & expandable	• **Enterprise** class Microsoft O/S (Windows Mobile 6.5 or Windows CE 5.0) • 1D or 2D **bar-code** support • **Camera** • **WiFi, Cellular, GPS, and Bluetooth** • Slots for memory, SIM's, 2nd battery	• 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 (Win CE) and ALH-9010 (Windows Mobile) come 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 adapter for US or Europe
- Stylus pen
- Hand strap
- Protective screen film

The step-up units, the ALH-9001 (Win CE) and ALH-9011 (Windows Mobile) 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.

All units are offered in regional frequency options including "US", "European" and others.

Baseline Specification	ALH-9010 (Windows Mobile) ALH-9000 (Windows CE)
RFID Reader	RFID UHF reader
Scanner	1-D bar code
Networking	Wireless WLAN 802.11b/g
Communications	USB host & client
Operating System	ALH-900x: Windows CE NET 5.0 ALH-901x: Windows Mobile 6.5
Display	3.5" color QVGA touch screen
CPU	Marvel PXA320, 820MHz
Memory	256MB RAM / 256MB ROM
Battery	3,000mAh lithium polymer
Expansion Slot	1 Micro SD slot, 1 SIM slot
Weight without gun battery	1.22 lbs / 0.55Kg
Weight with gun battery	1.42 lbs / 0.65Kg
Dimensions without gun handle	6.25" (L) x 3.1" (W) x 4.6" (H) 15.9cm (L) x 7.9cm (W) x 11.7cm (H)
Dimensions with gun handle	6.25" x 3.1" (W) x 5.3" (H) 15.9cm (L) x 7.9cm (W) x 13.5cm (H)

Step-Up Features (Added to Baseline Specification)	ALH-9011 (Windows Mobile) ALH-9001 (Windows CE)
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

Physical Characteristics	
Ingress Protection	IP65
Drop	1.5 Meters (5 feet) - 6 axis (1 foot greater than MIL-STD-810 G)
ESD	Contact ± 4KV / ± Air 8KV
Humidity	0-95% at 40°C / 104°F
Operating Temp	-10°C to 50°C / 14°F to 122°F

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

Additional Accessories	
Ordering Information	**Description**
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

Ordering Information				
	Operating System	**Baseline or Step-Up**		**Country Code** NOTE: This list is being added to daily. Please contact your Alien Representative for a full list
ALH-90	**x**	**x**	**-**	**xxx**
	0 = Windows CE Net 5.0	0 = Base		(blank) = North America
	1 = Windows Mobile 6.5	1 = Step-Up		EMA = Europe
				CHN = China

Examples:

ALH-9011-EMA - Windows Mobile unit, step-up features for Europe

ALH-9000 - Windows CE, base unit for North America

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