The Alien ALR-H460 is the ultimate RFID handheld device, featuring unsurpassed data processing capability, memory, ergonomics, and affordability, in one compact package. It is feature-rich, and combines best-in-class ease of use and integration tools with a powerful RFID engine, enabling exceptional performance in the most demanding of scan environments and applications.

FEATURES

- ETSI 865–868 MHz or FCC 902–928 MHz
- ERP 2W / EIRP 3.3W
- 2D imager supporting all major 1D / 2D barcodes
- 13 MP Auto-focus camera with flash
- **Ergonomic** design provides superior user comfort and use
- Supports Wi-Fi, Bluetooth and 4G cellular connectivity
- **Robust** IP65 sealing for dust and water resistance
- **Prolonged usage** enabled by built-in 8,000 mAh Li-Po rechargeable battery
- Android 6.0 OS

APPLICATIONS

- Retail
- Warehouse
- Work in Progress
- Transportation
- Missing item location

Benefit	Enabled By:	What does this mean to me?
Ease of Use	• **Large 5.2" 1920x1080 resolution display** • **High capacity** lithium-polymer battery • Open source Android software development	• Simplifies data input • All day usage without recharging • Easy to provide custom applications
High Performance	• **Unique high-performance, high gain antenna** • Cortex-A53 Quad-Core 1.45 GHz CPU • Android 6.0 Operating System	• Superior read range • Fast data collection & processing • Proven Android speed & agility
A feature-rich handheld	• **WiFi** 802.11 **a/b/g/n dual-band** • **4G** cellular built in • **Bluetooth** 4.0 BLE • **13MP** Auto-focus camera with flash • **GPS**	• Wireless simplicity • Always connected • Allows connection to corporate networks
Robust Design	• Dust and water ingress protection (**IP64**) • Solid drop tested design (**1.5 m/4.9 ft**)	• Shock-resistant rubber seals used to ensure durability giving full IP64 water/dust proofing and 1.0M/3ft drop qualification

Fully featured and ready to use out of the box, ALR-H460 comes equipped with a 1D / 2D bar code scanner and WiFi connectivity for ease of connection to your corporate network. A microSD memory expansion slot is included for up to 128 GB additional local storage. In addition, a 13 MP Auto-focus camera with flash adds on-the-spot ability to photograph and add image to an asset data record.

Features included are:

- 1D and 2D bar code reader
- Bluetooth/ Wi-Fi
- GPS (for location applications)
- 4G cellular connectivity for use beyond corporate WiFi areas
- 13MP Auto-focus camera with flash
- Speaker
- 2 Microphones
- Light sensors, proximity sensors and G-sensors
- Micro-SD expansion slot

All units are offered in regional frequency options including "US" and "Europe"

Specifications	ALR-H460
RFID Specification	EPC C1 GEN 2 / ISO18000-6C
RFID Power	1W (+5dBm to +30dBm)
Antenna	1dBiL / 4 dBiC (Circular)
Barcode	2-D bar code (752 x 480 pixels)
Camera	13 MP Auto-focus color camera with built-in flash
WLAN	Wireless WLAN 802.11 a/b/g/n, 2.4/5 GHz dual-band internal antenna
WWAN	WWAN (Europe) (2G: 850/900/1800/1900, 3G : 850/900/1900/2100, 4G: B1, B3, B5, B7, B8, B20, B40), WWAN (America) (2G : 850/900/1800/1900, 3G : 850/900/1700/1900, 4G : B2, B4, B7, B12, B17)
WPAN	Bluetooth 4.0 BLE
Location Services	GPS (embedded A-GPS)
Communications	USB 2.0 Type C, OTG
Operating System	Android 6.0
Display	5.2" FHD 1920x1080, Corning Gorilla Glass
CPU	Cortex-A53 1.45GHz quad-core
Memory	2GB RAM / 16GB Flash
Memory Expansion	MicroSD (128 GB Max)
Battery (lithium polymer)	8000 mAh internal
Expansion Slot	1 Micro SD slot, 1 SIM slot

Physical Characteristics	
Ingress Protection	IP64
ESD	Contact ± 4KV / ± Air 8KV
Humidity	5-95% RH non-condensing
Operating Temp	-20°C to 50°C / -4°F to 122°F
Storage Temp	-40°C to 70°C / -40°F to 158°F
Weight	654 g / 23.07 oz
Dimensions (w/ pistol grip)	7" (L) x 3.4" (W) x 5.7" (H) 178 mm (L) x 86.2 mm (W) x 146 mm (H)
Drop	1 meter / 3.28 feet

Model Number	Countries	Frequency	Transmit Channels	Channel Spacing	RF Power	Compliance Certification
ALR-H460	USA	902 - 928 MHz	50	500 KHz	1 Watt	Emissions: FCC Part 15 Safety: EN 60950-1, UN 38.3
ALR-H460-EMA	Europe	865.6 - 867.6 MHz	4	600 KHz	1 Watt	Radio : 2014 / 53 / EU (RED), Safety : EN 60950-1

The following accessories are included in the ALR-H460 package (power adapter is region specific)
Replacements and additions may be purchased separately using the order numbers indicated below.

Accessories Included	
Ordering Information	**Description**
ALX-720	ALR-H460 Pistol Grip
ALX-724	ALR-H460 Charging Dock
ALX-725	ALR-H460 USB Cable
ALX-726-1	ALR-H460 Power Adapter US (In US kit ALR-H460 only)
ALX-726-2	ALR-H460 Power Adapter Europe (for EU customers only)
ALX-726-3	ALR-H460 Power Adapter UK (for UK customers only)

ALX-724

ALX-720

ALX-725   ALX-726-1   ALX-726-2   ALX-726-3

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