



Alien ALR-H450 Mobile RFID reader, Android, 2D, RFID, Wi-Fi, WVGA, WM, GPS, 3G, pistole, UHF 865-868 MHz

The Alien Technology® commercial class ALR-H450 “connected” Android handheld readers enables users to deploy manageable, robust, best-in-class EPC Gen 2 RFID solutions for supply chain, manufacturing, and asset management applications.

Robust Compact/Connected Android Based Handheld:



This feature-rich reader is packaged in a compact ergonomic footprint, yet comes with a full QWERTY keyboard for on-the-go data-entry and while displaying results on the large 4” WVGA crisp touch panel display.

The solution provides an easy-to-integrate, easy-to-manage package in an open source Android environment.

A number of techniques including shock-resistance rubber seals are used to ensure durability resulting in an IP64 water/ dust proof rating and a 1.0m/ 3ft drop qualification.

High Performance Antenna:

The ALR-H450 delivers exceptional performance with best-in-class receive sensitivity and enhanced interference rejection enabled partly by an unusually high performance 4dBic antenna.

Main features of Alien ALR-H450 Handheld UHF RFID reader:

- QWERTY keyboard, rugged yet lightweight for ease of use
- Ergonomic design provides superior user comfort and use
- “Connected” via the full set of wireless networking
- IP64 sealing for dust and water resistance
- Prolonged usage capabilities provided by a 3,200 mAh main lithium polymer main battery pack and 5,200 mAh gun handle battery
- Android 4.4 (Kit Kat)

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Technische Beschreibung

Funktionalität und Betrieb	
Kommunikations-Schnittstelle	WLAN (WiFi), Bluetooth Class II ver. 2.1+ EDR
1D Strichcode	Alle Standard-eindimensionale Strichcoden
Speicher	1GB 4 GB Flash
CPU Type	Cortex-A7 Quard Core 1,3 GHz
2D-Strichcode	alle standarde 2D-Codes
Display - Typ	4" WVGA TFT LCD 16,7M color
Betriebssystem	Android 4.4.2 KitKat
Tastatur	QWERTY
Expansion slot	Micro SD Card (SDHC), SIM card
RFID Transponderprotokolle	EPC Class 1 Gen2, ISO 18000-6C
Frequenz	UHF: 902 - 928 MHz (US), UHF: 865 - 868 MHz (EU)
GPS	AGPS , AGPS
Antennen, Antennen-Eingänge	integrierte RFID-Antenne
Optische	
Auflösung	480x800 px
Barcodescanner	2D Imager
Elektrische	
Hauptbatterie	Main: 3,7V, 3200 mAh, Gun: 3,7V, 5200 mAh
Mechanische	
Dimensions	Breite: 85mm, Höhe: 185mm, Länge: 105mm ohne Gewehr
Weicht	371g ohne Batterie
Umwelt	
Betriebstemperatur	-10 bis 50°C
Lagertemperatur	-40 bis 70°C
Schockfestigkeit	Fall von 1 m auf Beton
Luftfeuchtigkeit bei Lagerung (kondensierend nicht)	0 bis 95%
Elektrostatische Entladung	±4kV Kontakt, ±8kV Luft
IP Schutz	IP64

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