ALR-S350 Mobile sled UHF RFID, 2D and QR codes reader, handle, UHF 865-868 MHz

Don't be limited! Alien ALR-S350 is a flexible and efficient UHF RFID sled with 2D imager, built in versatility, with a focus on extended battery life, and allows users to pair the reader with any personal Android- or iOS-based devices – a smartphone or a tablet. Unlike a complete handheld RFID reader with a built-in terminal, you are not dependent on the control unit: the phone will be new with a new system in just 3 years, but the RFID sensor as well as the bar and 2D code scanner will remain.

Alien ALR-S350 UHF RFID reader can be attached to a smartphone, tablet or other media device and is also capable of reading all major 1D and 2D bar codes, and shares data with that devices via a Bluetooth connection.

To manage read data, you can use the software developer's kit (SDK) to integrate data into your own app or software-management system, or you can simply go to the App Store or Google Play and download the Alien RFID Application, pair your device and that's all you need to start the work. UHF RFID reader will enable retailers and other RFID technology users to employ their own Android- or iOS-based devices to capture and manage RFID read data. A double-capacity single battery enables up to 24 hours of intensive use.

Key features of the Alien ALR-S350 Sled:

- supports Windows, Apple iOS, Android
- robust bluetooth RFID UHF Gen2 reader
- 2D imager capable to read any major 1D / 2D barcodes
- RFID reading distance up to 7m, read speed up to 200 tags per second
- ERP 2W
- IP 54 on the scale of the dust and water protection
- robust Quadlock™ physical smart device connection (**the Quadlock plug is not in the packag**e because it is possible to buy different variants on the market for different types of phones)

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Technical Description

Functionality & Operation

Reading/writing distance	7m
Indicators	3 LEDs, buzzer
Communication interface	Bluetooth, micro USB 4.2 Class 2 Low Energy
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes
RFID transponder protocols	EPC Class 1 Gen2 v2 ISO 18000-63
Frequency	UHF: 865 - 868 MHz (EU), UHF: 902 - 928 MHz (US)
Antennas, Antenna inputs	cirkularly , linear, proximity

Optical

Bar code scanner	Autofocus with LED aimer, 2D Imager
Scanning rate	200 tag/sec

Electrical

Main battery pack	Extended Li-Ion battery 7000 mAh, 3,7V
Battery charging time	5hod cradle, 5-10 h over micro USB

Mechanical

Dimensions	Width: 91mm, Height: 196mm Length: 135mm
Weight	500g , 350g without battery

Environment

Operating temperature	-10 to 55°C
Storage temperature	-20 to 60°C
Operating humidity (non-condensing)	10 to 95%
Shock resistance	drop from 1,5 m onto concrete surface
Electrical static discharge	±4kV contact, ±8kV air
Ingress protection	IP54