



NexusConnect UHF

Ruggedize Your Enterprise

The NexusConnect UHF is a sleek device that effortlessly transforms your mobile Android or iOS mobile device into a high-performance RFID reader, making inventory and logistics operations a breeze. With lightning-fast long-range UHF RFID technology, the NexusConnect UHF ensures rapid and accurate identification of items, minimizing errors and maximizing efficiency. From retail to warehouses, this reader simplifies processes, offering real-time insights into your inventory.

Key Features

- **Long-range** (80+ feet) **UHF RFID data capture** (1)
- **Compatibility: Android & iOS Mobile Devices** (2)
- **Bluetooth Low Energy (BLE) 5.0** (3)
- **Ergonomic Design** (4)
- **Swappable Battery** (5)
- **Rapid Deployment Software Kit** (RDK)



Truly Any Device

Unlock seamless scanning across all your iOS and Android devices with the NexusConnect UHF scanner, a device-agnostic UHF scanner that doesn't require special cases or mounts. Simply insert the host device into the clamping system and start capturing UHF tag and 1D/2D barcode data.

1300+ Read/Sec at 100ft

Experience lightning-fast scanning with the NexusConnect UHF scanner. Capture data from 1300+ tags per second, from up to 100 feet away. Unlock unparalleled efficiency and accuracy, empowering you to perform tasks with unprecedented efficiency.

Advance Location Tracking

The NexusConnect UHF scanner boasts cutting-edge location tracking capabilities. This lets you pinpoint the exact location of scanned tags with unparalleled accuracy, empowering you to streamline asset and inventory management while optimizing workflow efficiency effortlessly.

Read/Write/Kill RFID's

The NexusConnect UHF scanner revolutionizes workflows with its ability to read, write, or kill UHF tags. Read tags and reassign inventory in your warehouse or deactivate tags at the checkout counter, the NexusConnect UHF scanner can do it all efficiently and with precision.

Dynamic Power Adjustment

Maximize battery life with the NexusConnect UHF scanner's Dynamic Antenna Power Adjustment, customizing reading distances for optimal efficiency without sacrificing performance. Going from short-range reading in checkout workflows to far-range reading in warehouse workflows is as simple as tapping an option on a screen.

Easy Rapid Pair

With Rapid Pair, an advanced pairing technology, there is no need to hassle with manual Bluetooth pairing. The NexusConnect UHF scanner seamlessly connects to the host device in seconds, saving you time and ensuring effortless integration into your workflows.

Advance Barcode Scanner

With advanced barcode scanning technology, the NexusConnect UHF scanner ensures accurate and reliable data capture, even from dirty, torn, low contrast, or damaged barcode labels and tags.

Mechanical

Buttons	Power ScanTrigger
Dimensions	5.94in x 2.99in x 5.19in <i>151mm x 76mm x 132mm</i>
Weight	438g <i>15.45oz</i>
Input/Output ports	USB-C, Accessory Connector
Battery	5,200mAh Power: 72-Hour, Standby

UHF

Antenna	Circular Polarized Antenna (4dBic)
Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Max Read Range	31m (Alien H3 Anti-Metal tag, size 130 x 42mm)
Fastest Read Range	1,300 Tags/sec

1D/2D Scanning

Engine	Zebra SE2707
Sensor of Resolution	640 x 400 pixels
Field of view	42 Horizontal, 28 Vertical
Aimer / Illumination	Red LED / Red LED
Read Distance	Near: 2.01 in / 5cm. Far: 19.5 in / 49.5 cm.

Enviromental

Temperature	Storage: -40°C to +70°C Operating: -20°C to +50°C
Humidity	5% to 95% non-condensing
Drop	1.5m to Concrete per MIL-STD-810G
Tumble	1000 Cycles @ 0.5m
Regulatory	FCC, CE, IEC 62368, IEC62133-2, UN38.3

* Works with iOS and Android

Scan Engine

