NLS-UR90

UHF RFID Handheld Reader

Features

◘ **Outstanding RFID Performance**

Combining a high-performance UHF RFID reader chip with the ingenious software, the NLS-UR90 can read over 150 tags per second with a long read range of up to 6 meters.

◘ **Operator-friendly Pistol Grip**

This RFID reader is designed as an ergonomic pistol grip handle that allows for easy operation.

◘ **Diverse Functionalities**

With support for the MT90 portable data collector, the NLS-UR90 can seamlessly integrate 1D/2D scanning/ Bluetooth/ WiFi/ 4G functionalities to meet various application needs.

◘ **Industrial-grade Durability**

The NLS-UR90's rugged housing is sealed to IP65 standards for protection against dust and water and withstands 1.2m drops to concrete.

Application Scenarios

Logistics, warehouse management, retail chains, food traceability, manufacturing, electricity meter reading, inventory counting.

www.newlanaidc.com

NLS-UR90

UHF RFID Handheld Reader

Physical	Dimensions	160(W) ×82(D) ×165(H)mm
	Weight	330g
	Notification	Speaker, vibrator
	Battery	4500mAh / 6500mAh (optional)
	User Input	Trigger on pistol grip
UHF RFID	Read Range	>12M (Indoor); >6M (Outdoor open space) (@ Alien 9662) (Read range can be affected by tag and environment)
	Read Rate	≥150 tags/sec
	UHF Module	SLR1200, based on Impinj Indy R2000
	Antenna	Circularly polarized antenna (3dB)
	Frequency Range	FCC (USA): 902-928MHz ETSI (Europe): 865-867MHz SRRC-MII (China): 840-845MHz, 920-925MHz Other frequency band support (customizable upon request)
	Standards Supported	EPC Class 1 Gen 2 (ISO 18000-6C)
Environmental	Operating Temperature	-20℃ to 50℃ (-4 ℉ to 122 ℉)
	Storage Temperature	-30℃ to 70℃ (-22 ℉ to 158 ℉)
	Humidity	5% to 95% (non-condensing)
	Static Discharge	±15 kV (air discharge), ±8 kV (direct discharge)
	Drop	1.2m
	Sealing	IP65
Communication	Host Terminal	NLS-MT90
	Host Connection	8-pin connector

Newland