



# NLS-UR90 (v2)

## PORTABLE DATA COLLECTOR

### FEATURES

○ **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.

○ **Outstanding RFID Performance**

With high-performance E710 UHF reader chip and ingenious software, the NLS-UR90 can achieve a batch read speed of more than 900 tags/second; the reading distance can up to 8

○ **Long Last Battery Life**

The NLS-UR90 is equipped with a 6500mAh battery that provides battery life of up to 10 hours from a single charge. What's more, the battery is changeable to ensure the all-day power supply.

○ **Operator-friendly Pistol Grip**

With user-focused ergonomic design, it can provide the most comfort to use for either right- or left-handed operators.



RFID



IP sealing



Drop

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## Performance

Read Range	>12M (Indoor); >8M (Outdoor open space) (@ Alien 9740) (Read range can be affected by tag and environment)
Write Distance	0-3m
Read Rate	≥900 tags/sec (Read rate can be affected by tag and environment)
UHF Module	Based on Impinj E710
Antenna	Circularly polarized antenna (4dBi), 5dBm-33dBm(±1dBm) adjustable.
Frequency Range	FCC (USA): 902-928MHz ETSI (Europe): 865.6-867.6MHz SRRC-MII (China): 920-925MHz
Standards Supported	EPC Class 1 Gen 2 (ISO 18000-6C)

## Physical/Electrical

Dimensions (L×W×H)	160 × 83 × 158mm
Weight	390g
User Input	Trigger on pistol grip

## Environmental

Operating Temperature	-20°C to 50°C (-4°F to 131°F)
Storage Temperature	-30°C to 70°C (-40°F to 158°F)
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 (Need to buy separately)
Host Connection	8-pin connector

Specifications are subject to change without notice.

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