



IP65

1.2M
DROP

UR90
UHF RFID
pistol grip

FEATURES

Outstanding RFID performance.

Combining a high performance UHF RFID reader chip with the ingenious software, the UR90 can read over 900 tags per second with a long read range of up to >12 meters (indoor) and >8 meters (outdoor open space).

Operator-friendly pistol grip.

For easy operation, the UR90 RFID reader is designed as an ergonomic pistol grip handle.

Diverse functionalities.

With support for the MT90 mobile computer, the UR90 can seamlessly integrate 1D/2D scanning / Bluetooth / WiFi / 4G functionalities to meet various application needs.

Industrial-grade durability.

The 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



inventory



warehousing



manufacturing

UR90

UHF RFID handheld reader

newland-id.com

Physical	Dimensions	160(W) x 83(D) x 158(H)mm
	Weight	390g
	Notification	Speaker, vibration (MT90)
	User Input	Trigger on pistol grip
UHF RFID	Read Range	>12M (indoor); 8M (outdoor open space) (@Alien 9740) (Read range can be effected by tag and environment)
	Read Rate	≥900 tags/sec
	UHF Module	based on Impinj E710
	Antenna	Circularly polarized antenna (4dBi)
	Frequency Range	ETSI (Europe): 865.6-867.6MHz Other frequency band support (customizable upon request)
	Standards Supported	EPC Class 1 Gen 2 (ISO 18000-6C)
	Environmental	Operating Temperature
Storage Temperature		-30°C to 70°C (-22°F to 158°F)
Humidity		5% to 95% (non-condensing)
Static Discharge		±15kV (air discharge), ±8kV (direct discharge)
Drop		1.2m
Sealing		IP65
Communication		Host Terminal
	Host Connection	8-pin connector

Specifications are subject to change without notice