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IP65 | 1.2M drop | USB | RS232

UR90 UHF RFID Pistol Grip
Product Accessory

Features

Outstanding RFID Performance

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

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.

Suggested industries

Warehousing | Logistics | Manufacturing | Transportation

UHF RFID

Read Range	>12M (indoor); 6M (outdoor open space) (@Alien 9662) (Read range can be effected by tag and environment)
Read Rate	≥150 tags/sec
UHF Module	SLR1200, based on Impinj Indy R2000
Antenna	Cicularly polarized antenna (3dB)
Frequency Range	ETSI (Europe): 865-867MHz Other frequency band support (customizable upon request)
Standards Supported	EPC Class 1 Gen 2 (ISO 18000-6C)

Physical

Dimensions (mm)	160(W) x 82(D) x 165(H) mm
Weight	330g

Environmental

Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15kV (air discharge), ±8kV (direct discharge)
Drop	1.2m
IP Rating	IP65

Communication

Host Terminal	MT90
Host Connection	8-pin connector

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