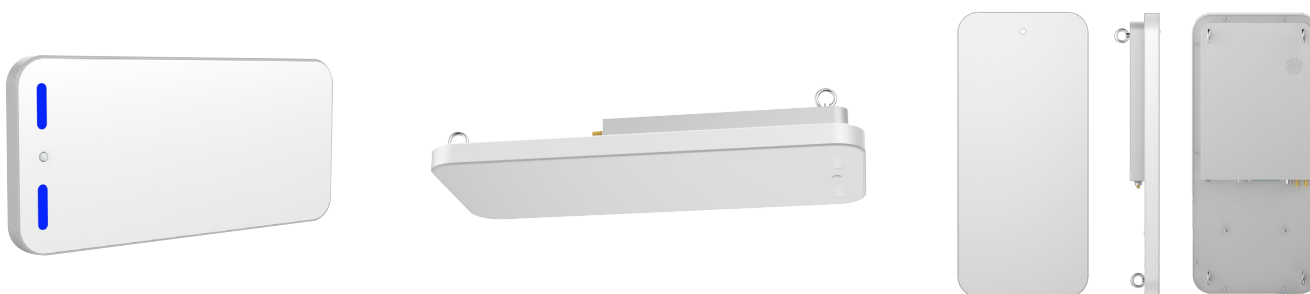


RFID Overhead Reader CER511X

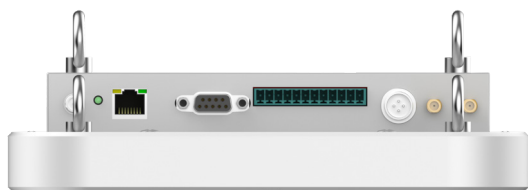
Century RFID Overhead Reader CER511X is latest and updated high-performance RFID UHF smart overhead reader, supporting the ISO18000-6C protocol. Equipped with a built-in high-gain narrow-beam antenna and AI-powered tag status detection, it delivers excellent anti-miss and anti-false read performance. It supports both overhead and side mounting, with installation heights up to 4.5 meters. Ideal for apparel, retail, library and archive management, personnel access control, asset tracking, and intelligent warehousing, etc.



Features

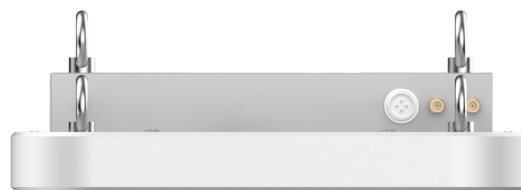
- ▶ Built-in Linux system to streamline customer application development;
- ▶ Integrated infrared and audio-visual alarms with low power consumption in trigger mode;
- ▶ Integrated high-gain narrow-beam antenna with AI-powered tag detection;
- ▶ Overhead mounting at 2.5-4.5m height, covering 2-3.8m wide passages;
- ▶ Ceiling and wall-mount are available, with greatly reduced installation costs.

Difference between master and slaver



Master

(All interfaces included, such as power supply, communication, antenna, etc.)



Slaver

(Only antenna and sensor interfaces)

Physical Specification

Dimension	480*220*50mm (without bracket)
Weight	2.15kg (without bracket and packaging)
Mounting Way	Ceiling, wall-mounted
Materials	Aluminum + cold-rolled sheet +PMMA
Operating Temperature	-20℃ ~ +60℃
Storage Temperature	-30℃ ~ +70℃
Humidity Conditions	5% to 95%RH, no condensation
Installation Height	2 ~ 3.8m

Technical Specification

RFID Protocol	EPC Global Class1 Gen 2/ISO 18000-6C
Frequency	902-928MHz, 865-868MHz or customized
RFID Power	8~33dBm
Communication Interface	RS-232(DB9), RJ45
Power Supply	AC 220V+10%, 47~63Hz
Power Consumption	45W

Package Specification

Package Size	490*130*270mm
Package Weight	Master: 2.5kg; Slaver: 2.0kg