

C300-HF | 13.56 MHz Wireless HF RFID Reader



PRODUCT OVERVIEW

Model	C300-HF
Product Type	RFID Reader

RFID Performance	
RFID Band	HF / NFC
Operating Frequency	13.56 MHz
Air Interface Protocols	ISO/IEC 14443 Type A and Type B; ISO/IEC 15693
NFC Tag Types	MIFARE, Sony FeliCa, and compatible ISO/IEC 14443 Type A/B tags
HF Tag Types	ICODE SLI/SL2, LRI512, my-d, Tag-it HF-I, PicoTag, and compatible ISO/IEC 15693 tags
RFID Read Range	10–30 mm (tag and environment dependent)
Antenna	Integrated 25 × 14 mm balanced antenna

Connectivity & Wireless	
Connectivity	Bluetooth wireless
Host Interfaces	Type-C
Bluetooth Version	Bluetooth 4.2
Wireless Range	Bluetooth: Up to 30 m; actual range depends on the host device and operating environment

Power	
Battery Type	Lithium-ion polymer
Battery Capacity	1200 mAh
Battery Voltage	3.7V
Charge Time	4-6 hours
Charging Interface	Type-C interface

Physical Specifications	
Dimensions	L × W × H (mm): 124 × 25 × 41 mm
Controls	Power button: On/Off Start read/write operation
User Feedback	Visual feedback for operation, setup and status.

Physical Specifications	
Stand Included	No

Environmental & Compliance	
Operating Temperature	-20°C to 50°C (-4°F to 122°F) on external power 0°C to 38°C (32°F to 100°F) on battery power
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Relative Humidity	Up to 95% RH at 60°C (140°F), non-condensing