

C300 RFID NFC Wireless Contactless Reader Specification



1. RFID function

- Reading-Fast RFID readers (HF tags, labels, smart devices)。
- Write-Write in labels。
- Card Reader Mode Templates-readers for popular tag types and HID modes. Customizable through an app on SPP/BLE.

Carrier Frequenc:	13.56 MHz (RFID HF)
read/write speed	26 kbps (ISO 15693), 106kbps (ISO 14443)
antenne:	integrated, 25mm x 14mm, balanced
2. Reading and Writing	
NFC labels support:	ISO15693: Vicinity Card ISO/IEC 14443 A and B: Mifare, Sony FeliCA Meet EPC GEN 2 HF and ISO 18000-3 mode 3 ISO 18000-3 mode 3: EPC GEN 2 HF NFC: ISO/IEC 18092
Writing mode	Write mode is supported via BLE using the PCSC protocol. Compatibility depends on card type, content and authentication level
performance:	Carrier Frequency: 13.56 MHz (RFID HF, NFC) read/write speed: 26 kbps (ISO 15693) 106kbps (IEC 14443, 212/424kbps (ISO18092) antenne: integrated
High Frequency RFID	ISO15693: I code SL2, LRI512, my-d, label It HF-I exclusive: ICode SL1, PicoTag (crashless) , Tag It HF ISO/IEC 14443 A and B
labels support:	Compatibility babels, All variants (Mifare, Sony FeliCA) Compatibility EPC GEN 2 HF and ISO 18000-3mode 3 NFC: NFCIP-1, ISO/IEC 18092) , Label Reader Mode
Writing mode	Write mode is supported via Bluetooth LE using the PCSC protocol. Compatibility depends on card type, content and authentication level.
Longest RFID reading range:	0.4" - 2" (10- 30 mm)

3. Bluetooth Wireless

Bluetooth Wireless:	Bluetooth 4.2
Bluetooth Range:	Up to 30 meters, depending on environment, range limitations usually due to host device (phone, tablet, etc.)

4. User Environment

Operating Temperature:	-20°-50°C (-4°-122°F)(Power on) 0°-38°C (32-100°F)(Battery powered)
Storage Temperature:	-40°-70°C (-40°-158°F)
Relative Humidity:	95% at 60°C (140°F) (non-condensing)

5. Power Supply/Battery

Charging Time:	4-6 Hours
Battery Capacity:	1200mAh
Battery Type:	Lithium ion polymer
Battery Voltage:	3.7V

6. Physical Properties

Size:	L*W*H (mm): 124*25*41mm
LEDs:	Provides intuitive feedback to cardholders during normal operation and can also be used to simplify setup and status.
Button:	Power button: on/off Initiate read/write
Charging/data interface:	Type-C interface

