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ACR1311U-N2

General

ACR1311U-N2 Bluetooth® NFC Reader combines the latest 13.56 MHz contactless technology with Bluetooth® Smart connectivity for on-the-go smart card and NFC applications.

Feature

◎USB 2.0 full speed interface
◎Bluetooth 4.0 smart interface
◎Plug and Play – CCID support brings utmost mobility
◎USB Firmware Upgradeability
◎Smart Card Reader
◎Application Programming Interface
◎Supports Android™ 4.3 and above
◎Supports iOS 5.0 and later
◎Built-in Peripherals

Technical Specification

Physical characteristics	
Dimensions	60mm(L)×47.98mm(W)×12mm(H)
Weight	20g
Color	White
Bluetooth Interface	
Protocol	Bluetooth Smart (Bluetooth Low Energy /Bluetooth 4.0)
Power Source	Rechargeable Lithium-ion Battery (Charging through USB)
Speed	1Mbps
USB Host Interface	
Protocol	USB Full Speed
Type	Four Line:+5V,GND,D+ and D-
Connector Type	Micro USB
Power Source	From USB Port
Speed	USB Full Speed (12 Mbps)
Cable Length	1 m (Datachable)
Firmware	Upgradeable through USB Interface
Contactless Smart Card Interface	
Standard	ISO 14443 Type A,MIFARE,DESFIRE
Protocol	ISO 14443 T=CL for ISO14443-4 compliant cards, and T+CL Emulation for MIFARE Classic

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	1k/4k and NFC tags
Operating Frequency	13.56MHz
Operating Distance	Up to 25mm(depending on tag type)
Smart Card Read/ Write Speed	106Kbps,212Kbps,424Kbps
Antenna Size	28.00mm×32.00mm
Built-in Peripherals	
LED	2bi-color, Red and Blue,Red and Green
Buzzer	Monotone
Operating Conditions	
Temperature	0℃-50℃
Humidity	Max.90%(non-condensing)
MTBF	500,000 hrs
Application Programming Interface	
PC-link Mode	PC/SC CT-API(through wrapper on top of PC/SC)
Certifications/Compliance	EN60950/IEC 60950,ISO 14443,USB Full Speed,Bluetooth Smart, PC/SC,CCID,RoHS 2, REACH, Microsoft® WHQL
Device Driver Operating System Support	Windows®ME,Windows®98,Windows®2000,Windows®XP,Windows®Vista,Windows®7,Windows®8,Windows®8.1,Windows®10,Windows®Server2003,Windows®Sever2008,Windows,®Sever2008R2,Windows®Sever2012,Windows®Sever2012R2,Linux®,Mac OS®, Android, iOS

Picture

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