

QR Code Scanning & IC Reader HCC3300

General

HCC3300 QR code & IC & NFC reader is a multi-functional intelligent identification device that integrates one-dimensional code / two-dimensional code scanning and dual-interface IC card and NFC reading and writing functions. The scanning function supports mainstream one-dimensional code and two-dimensional code standards. IC card function can read and write dual interface radio frequency card, radio frequency card and contact CPU card. Support ISO7816/ISO14443 A/B, EMV2000 and PBOC2.0 specifications two SAM card socket can be extended. Realize the connection with PC and related equipment through USB interface. It can be widely used in industries such as finance, social security, industrial and commercial taxation, transportation, securities, post and telecommunications. It also supports contactless mobile payment applications.

Specification

Main Technical Feature	
Power Supply	USB Bus / DC: +5V±10% 300mA.
Consumption	Current / operating Typical 250mA Max 150mA Standby
Outline	120 * 55 * 64.9 (L*W*H)mm
Temperature	Operation: -10°C to 60°C; Storage: -30°C to 70°C
Humidity	Operation: 10 to 85%; Storage: 10 to 90%, Non-Condensing.
QR Code Scanning Feature	
Image sensor	640H * 480V 30fps
Field of view angle	Horizontal: 65° Diagonal: 81° Vertical: 61°
Deflection angle	Horizontal: ±50° Vertical: ±50° Whirling: 360°
Motion tolerance	3m/s
Code system support	1D: Code128 / Code32 / Code 39 / Code 93 / EAN 13 / EAN 8 / EAN / UCC128 / ISBN13 / ISMN / ISSN / Logmars / NVE18 / PZN7 / PZN8 / service-id / SSCC 18 / UPC 12 / UPCA / DPD / UPU S10 / Swedish Postal Shipment ItemID 2D: PDF417 / QR Code / Data Matrix / Royal Mail Cmdm Mailmark / PPN / Swiss QR Code
Read Rate	50ms
Recognition Accuracy	5mil
Contrast	≥25%
Reading mode	Trigger / Sensing / Continuous
Reading material	Screen / Paper / Metal / PVC film
Ambient light	0~100,000LUX
Interface	Mode 1: RS232:9600 Baud, None Parity, 8 bits

	Mode 2: USB HID Keyboard (default).
	Mode 3: USB Virtual Serial COM - 9600 Baud, None Parity, 8 bits
IC Technical Feature	
Interface	Mode 1: RS232:9600 Baud, None Parity, 8 bits
	Mode 2: CCID - PC/SC on USB (default).
	Mode 3: USB Virtual Serial COM - 9600 Baud, None Parity, 8 bits
Contact IC	
Standard	ISO7816 / EMV2000 Level 1 / PBOC 3.0
Card Voltage	5V / 3.3V / 1.8V.selecting the nominal card supply voltage according to ISO / IEC7816-3.
Protocol	T=0 / T=1
IC Holder	8 contacts, short circuit protection, pressure: 0.4n ± 0.1n. Holder life: > 200,000 times
Communication rate	9600bps~38400bps, support PPS
Protection	Short-circuit protection
Contactless IC	
Standard	ISO14443 A&B / EMV2000 Level 1 / PBOC 3.0
Support Card	Smart CPU Card / Mifare one 1K / 4K
Protocol	T = CL
Frequency	13.56MHz
Effective range	0~30mm
Communication rate	106K / 212K / 424K bps, support PPS

Picture



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