



Product name		R301		
Casing Model		C11		
Basic Parameter	USB Connector	USB Type A		
	Host Interface	USB 2.0 CCID (also compliant with USB 1.1)		
	Transmission Speed	12Mbps (USB 2.0 Full Speed)		
	Smart Card Clock Frequency	4MHz-12MHz		
	Extended APDU	Supported		
	Contact	Supported Card Types	1.8V, 3V and 5V	
		Smart Card Interface Speed	10753~625kbps(when supported by card)	
		ISO/IEC7816, T=0 and T=1 protocol, Class A, B, C cards		
	Card Size	ISO 7816-3 ID-1 (full-size)		
	Support OS	Win2000+/Linux/macOS/UNIX/Android(OTG)		
Certificate	CE/FCC/RoHS/EMV Level 1/LTIC/BSMI			
Physical Parameter	Material	ABS+PC		
	Weight	50g		
	Status Indicator	Blue and Red		
	Connector Cable	1.5m		
	Contact principle	Landing contact technology		
	Durability	300,000 insertions		
	Color	Black/Grey		
	Dimension	67 * 57.5 * 12.5mm (L*W*H)		
Work Environment	Power supply	USB port 5V DC		
	Working current	< 50mA without card plugged		
	Working Temperature	0°C ~ 60 °C		
	Storage Temperature	-20°C ~ 85°C		
	Humidity	≤90%(non-condensed)		
Standard	Card Reader Standard	ISO-7816 Class A, B, C (5V, 3V,1.8V) Standard		
		EMV Level 1 Standard		
		PC/SC Standard		
		USB 2.0 Standard		
		LEA Standard (ICP-Brasil)		
	CCID Standard			
API Standard	PC/SC Lite/WINSCARD API			
Security	Physical Security	Short circuit and thermal protection/over-voltage protection		
		High security level chipset		
		Electrostatic prevention		
	Firmware Security	Firmware encryption mechanism		
		Firmware upgradability in encryption		
		Firmware cannot be read out		
		Anti-reverse analysis		