



Datasheet (ver. 1.2)

Product P/N	RWD-C022-EA1	Product	ISO15693 POE Reader with LAN and WiFi function
Product Classification: Access System Inventory Tracking Payment Systems Attendance System			
 			
3. Specification			
Operating Frequency	13.56MHz		
Baud Rate	9600~115200 bps (default 9600 bps)		
Power Requirement	External 9v or POE power supply		
Read Function	Read only		
Output Format	UID		
Standard	ISO15693		
Card Types	NXP ICODE Series (including ICODE SLIX and others)		
Reading Distance	Up to 80 mm (ISO15693, ISO Card)		
Network Functions	Ethernet, Wifi Client, Wifi AP (TCP/IP protocol)		
Dimensions	L100 * W100 * H27 (mm)		
Indicators	R LED / G LED & Buzzer		
Operation Temperature	-10°C ~ + 50°C		
Storage Temperature	-20°C ~ + 60°C		
Humidity	0~95%		
Housing Material	ABS		
Weight	200g		

- Specification is subject to change without notice
- We also design special reader according to customer's request

Output Format:

For example, ICODE's UID is E0040100017D151E

STX	Data	Data Checksum	ETX
02H	16 ASCII (UID)	2 ASCII	03H
02	45 30 30 34 30 31 30 30 30 31 37 44 31 35 31 45	39 32	03

The checksum is a single-byte exclusive-or (xor) of all the bytes in the UID: E0 xor 04 = E4, E4 xor 01 = E5, E5 xor 00 = E5, E5 xor 01 = E4, E4 xor 7D = 99, 99 xor 15 = 8C, 8C xor 1E = 92 (checksum), output as 39, 32 two ASCIIs.