



Datasheet (ver. 1.2)

Product P/N	RWD-F022-EA1	Product	ISO14443A 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	ISO14443A		
Card Types	NXP MIFARE® Classic Series		
Reading Distance	Up to 50 mm (ISO14443A, 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, MIFARE's UID is 62E20F7F

STX	Data	Data Checksum	ETX
02H	8 ASCII (UID)	2 ASCII	03H
02	36 32 45 32 30 46 37 46	46 30	03

The checksum is a single-byte exclusive-or (xor) of all the bytes in the UID: 62 xor E2 = 80, 80 xor 0F = 8F, 8F xor 7F = F0 (checksum), output as 46, 30 two ASCII.

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itag technology (H.K.) co.,ltd.
 Taiwan Batag RFID technology co., ltd.
info@batag.com www.batagrfd.com

Rm 1206 Kodak House II, 39 Healthy St. E., North Point, Hong Kong
 8F, 18 Alley 1, Lane 768, Sec.4, Pa Teh Rd., Taipei 115 Taiwan
 886-2-27885556 (Tel) 886-2-27885389 (Fax)