

RFID ACTIVE READER

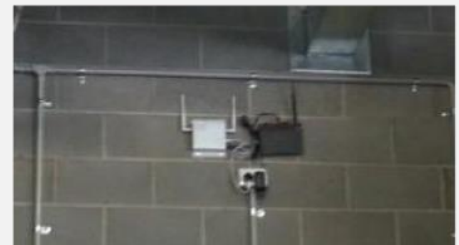
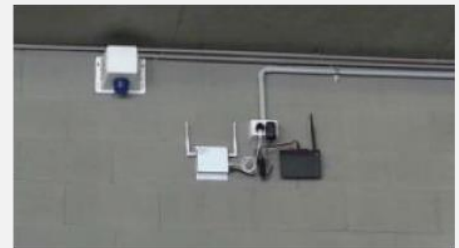
Mi5200A



Mi5200A is a active RFID reader suitable for wide range detection of people and objects.

SPECIFICATIONS

Model	Mi5200A
Dimension	IP57 ABS casing: 150mm x 200mm x 54mm Bare Board: 113mm x 79mm x 13mm
Radio Frequency	2.4 GHz with dual transceivers handling up to 252 channels each
MCU	32-bit RISC ARM
Antenna	2 x 50 ohms SMA connectors: 1/2 wave whip - Open to higher gain antennas
Power Supply	12V @ 1A DC Jack or USB or Optional: Passive POE Compliance (Power over Ethernet)
Reading Distance	- 150m radius line of sight - Effective 80m radius
Capability	Auto-reboot function AES 128 bit encryptions 2 antenna with independent RF Controller Capture battery level of each tag Capture temperature reading of each tag Capture RSSI signal length of each tag Capture hundreds of Active RFID tags simultaneously
Connection Options	Ethernet LAN (IEEE 802.3)
Environment	Operating Temperature Range: 10°C ~ +60°C Storage Temperature Range: -30°C ~ +80°C Humidity: 90% and below non condensing
Operating Temperature	-20°C ~ + 85°C



Data Sheet Version	Mi5200A
Date	09 May 2013

A Product of:



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RFID ACTIVE READER Mi5200A



Information such like battery, temperature, RSSI value capture into the system

Active Reader Demo

Status : Access Point Scanning...

Connect Disconnect Connection

Start Stop RF Activity

Detail Log

No	MacAddress	AntNo	TagId	Battery	Temperature	TransactionId	RSSI	AverageRSSI	Count	TagType
1	88:00:13:14	01	4884	3.05	20.39	235	-72.5	-72.5	1	0
2	88:00:12:6C	01	4716	3.04	19.25	101	-78.5	-78.5	1	0
3	88:00:15:94	01	5524	3.04	18.93	60	-66.0	-66.0	1	0
4	88:00:11:15	01	4373	3.06	19.11	58	-74.0	-74.0	1	0
5	88:00:14:82	01	5298	3.01	17.56	152	-73.0	-73.0	1	0
6	88:00:12:1A	01	4634	3.04	20.16	169	-69.0	-69.0	1	0
7	88:00:15:A2	01	5538	3.09	17.64	209	-67.5	-67.5	1	0
8	88:00:12:2C	01	4652	3.07	18.27	16	-77.0	-77.0	1	0
9	88:00:13:45	01	4933	3.04	19.27	59	-79.0	-79.0	1	0
10	88:00:12:3E	01	4670	3.05	18.38	249	-66.0	-66.0	1	0
11	88:00:15:86	01	5510	3.05	18.90	192	-67.0	-67.0	1	0
12	88:00:12:D0	01	4816	3.09	19.38	99	-82.5	-82.5	1	0
13	88:00:15:55	01	5461	3.13	18.97	31	-80.5	-80.5	1	0
14	88:00:11:C6	01	4550	3.06	21.14	199	-67.5	-67.5	1	0
15	88:00:15:35	01	5429	3.07	19.66	36	-70.0	-70.0	1	0
16	88:00:12:18	01	4632	3.06	19.76	164	-65.5	-65.5	1	0
17	88:00:12:C2	01	4802	3.06	18.87	176	-77.0	-77.0	1	0
18	88:00:11:52	01	4434	3.06	18.29	10	-70.0	-70.0	1	0
19	88:00:11:FB	01	4603	3.01	20.80	159	-76.0	-76.0	1	0
20	88:00:13:0D	01	4877	3.05	20.03	76	-75.5	-75.5	1	0
21	88:00:11:34	01	4404	3.03	18.16	70	-74.0	-74.0	1	0
22	88:00:15:37	01	5431	3.07	19.46	125	-67.5	-67.5	1	0
23	D8:00:05:DB	01	1499	3.07	25.74	30	-61.5	-63.8	2	0
24	88:00:14:E9	01	5353	3.00	19.84	240	-69.5	-69.5	1	0

Clear

Battery
Value

Temperature
Value

RSSI
Value

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