# RFID READER

# SL144 Reader Parameter settings Version 2.0 Aug 2019 StrongLink

#### 1. Reader working mode

Reader has two working mode: auto and command. If using network connect reader to send data to sever, need to select auto mode, like photo below.



Auto mode has two modes: continuing and trigger. If without any special requirement, continuing is default; while trigger mode is special use by external device trigger.



# 2. Reader IP address parameter setting

Reader IP address parameter setting mean set a fixed IP address for reader, while reader IP setting is confirmed basing current computer or host IP address. That means make sure reader IP address and computer or host IP address in a same LAN segment.

IP Paramete	ers for Reader	
IP Address	192 . 168 . 0 . 100	
Port:	1969	● 使用下面的 IP 地址(S):
Mask:	255 . 255 . 255 . 0	IP 地址(I):
Gateway:	192 . 168 . 0 . 1	子网掩码(0):
MAC:	010203040506	默认网关(0):
Se	t Network Parameter	



_				
Com	puter	or	host	IP

192 .168 . 0 . 84

255 .255 .255 . 0

192 .168 . 0 . 1

Note: if reader is connected with sometime success or sometime failure, it mean reader IP setting may be occupancy, with conflict with other device, causing the failed connection, then require you modify reader IP address and reconnect it again.

#### 3. Output port selections

Selection of output port is confirmed based on the connection method; for example, if using network to connect reader, the output port must be RJ-45, Like below photo show.



#### 4. Host IP address parameter setting

Host here mean computer connected with reader. Required to set same IP address with computer and reader like below photo show.

# StrongLink



Address: 192 . 168 . 0	04
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IP 地址(I):	192 .168 . 0 . 84
子网掩码(0):	255 .255 .255 . 0
默认网关 (0):	192 . 168 . 0 . 1

Host IP address in the reader

Commenter	la a at	
Computer	nost	_ Ir

parameter

# 5. Tag ID output method

It has 5 output method of tag ID, respectively, notify now, timing notify, add, remove and change.

Usually notify now is default. That means directly upload data to host computer; while other methods is related to storing time and report time. if set it wrongly, cause failed upload of data. Therefore, must select "notify now" mode.



# 6. Reader MAC address setting

Mac is phycial address with 48 bits (6 byte) consist of Hexadecimal,

divided before 24 bits and after 24 bits.

Before 24 bits is appointed by factory, named extent mark. Same factory, after 24 bits of MAC in network is different

By running CMD to enter the command prompt window and input "IPconfig/all", you can find MAC address of local computer. Like the searched MAC is "C03FD541DDD3", required to changed 6 digit hex, like "C03FD5418BD3" then, have the modified MAC address update in reader's MAC address, like photo show.

IP Address:	192	. 168	. 0	. 100
Port:	1969			
Mask:	255	. 255	. 255	. 0
Gateway:	192	. 168	. 0	. 1
MAC:	CO3FD	5418BD3	3	

Above 6 points are noted when you use network to send data; usually setting correctly, host can properly receive reader's tag ID from network.

ind N	lode(K)45)>Auto Mode(	KJ45)			Start	Stop Clear Scre	en Total tags:
Wh	ether to display the ori	ginal records			C1	und Cat Tan Takal	
A :	label is listed only one	e			crear memo	oet lag into	<b>CO</b>
No.	First Time	End Time	RSSI	Antenna	Type	EPC	- 20
16	2016/03/29 17:56:33	2016/03/29 17:56:33	-81	04	04	000000022220000000000B	
17	2016/03/29 17:56:33	2016/03/29 17:56:33	-66	04	04	231456789123456789123453	
18	2016/03/29 17:56:33	2016/03/29 17:56:33	-80	04	04	00007DE50A112B1F61F1D5A1	
19	2016/03/29 17:56:33	2016/03/29 17:56:33	-78	04	04	123456789012345678901234	
20	2016/03/29 17:56:33	2016/03/29 17:56:34	-60	04	04	E200AF7D9ABCD1231240A986	
21	2016/03/29 17:56:33	2016/03/29 17:56:34	-62	04	04	E200680600000000000000000	
22	2016/03/29 17:56:33	2016/03/29 17:56:34	-89	04	04	3005FB63AC1F3841E00000F8	
23	2016/03/29 17:56:33	2016/03/29 17:56:34	-83	04	04	0043	
24	2016/03/29 17:56:33	2016/03/29 17:56:34	-57	04	04	112200000005566	
25	2016/03/29 17:56:33	2016/03/29 17:56:34	-79	04	04	123400000034BCD	
26	2016/03/29 17:56:33	2016/03/29 17:56:34	-85	04	04	F200CCDD11223344BC614FFF	
27	2016/03/29 17:56:33	2016/03/29 17:56:34	-81	04	04	000000022220000000000B	
28	2016/03/29 17:56:33	2016/03/29 17:56:33	-66	04	04	231456789123456789123453	
20	2016/03/29 17:56:33	2016/03/29 17:56:34	-80	04	04	000070850411281861810541	
20	2010/03/29 17:50:33	2010/03/29 11:30:34	-79	04	04	123456790012345679001234	
30	2016/03/29 11.56.55	2016/03/29 11.36.34	-10	04	04	200922001204001204001204	
20	2010/03/25 11:30:34	2010/03/28 11.30.34	-60	04	04	2000302130C001211308F80	
32	2010/03/29 11.50.55	2016/03/29 11.36.34	-60	04	04	E200AF1D9ADCD1231240A900	
33	2016/03/29 11.56.33	2016/03/29 11.56.54	-02	04	04	E20060060000000000000000000000000000000	
94	2016/03/29 11:56:33	2016/03/29 11:56:34	-09	04	04	3005FD63AC1F3641E00000F6	
35	2016/03/29 17:56:33	2016/03/29 11:56:34	-83	04	04	110000000000000000000000000000000000000	
30	2016/03/29 11:56:33	2016/03/29 11:56:34	-51	04	04	112200000005566	
31	2016/03/29 17:56:33	2016/03/29 11:56:34	-19	04	04	12340000003ABCD	
30	2016/03/29 11:56:33	2016/03/29 11:56:34	-05	04	04	E200CCDD11223344BC614FEE	
39	2016/03/29 11:56:33	2016/03/29 11:56:34	-81	04	04	000000022220000000000000000000000000000	
40	2016/03/29 17:56:33	2016/03/29 17:56:34	-66	04	04	231456789123456789123453	
41	2016/03/29 11:56:33	2016/03/29 11:56:34	-80	04	04	UUUUTBESUATTZBIP6TPTB5AT	
42	2016/03/29 17:56:33	2016/03/29 17:56:34	-18	04	04	123456789012345678901234	
43	2016/03/29 17:56:34	2016/03/29 17:56:34	-79	04	04	30083382130C007211309F9D	
44	2016/03/29 17:56:34	2016/03/29 17:56:34	-70	04	04	E2UUAF7D9ABCD123123ED424	
45	2016/03/29 17:56:34	2016/03/29 17:56:34	-81	04	04	5751010008190000009F008	
46	2016/03/29 17:56:34	2016/03/29 17:56:34	-85	04	04	00000000000000000102011F	
47	2016/03/29 17:56:33	2016/03/29 17:56:41	-60	04	04	E200AF7D9ABCD1231240A986	
48	2016/03/29 17:56:33	2016/03/29 17:56:41	-62	04	04	£200680600000000000000000	
49	2016/03/29 17:56:33	2016/03/29 17:56:34	-89	04	04	3005FB63AC1F3841E00000F8	
50	2016/03/29 17:56:33	2016/03/29 17:56:41	-83	04	04	0043	-
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