4.0 Base Station Simple Configuration Documentation

V1.2

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Historic Version

Version	Date	Describe	Framer	Reviewer
1.0	2023/12/13	Program founder		
1.1	2023/12/14	Document editing		
1.2	2023/12/18	Document editing Translate		

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1. Summary

Simple configuration instructions: The AP is directly connected to the PC and shared

through the Internet using the eStation.Agent, bring base stations online.

Preparation tools:

- 1) A computer, wired network card and wireless network card.
- 2) A base station and POE power.
- 3) Device connection diagram.



2. Operation Describe

Internet connection sharing settings.

1) Open the control panel - click Network and Internet.





2) Click on Network and Sharing Center.



3) Click on Change adapter settings.



Note: Ethernet 2 is connected to the AP station4.0.

4) Right-click WLAN-Properties.



5) Select Sharing - Allow other network users to connect through this computer's

Internet connection - Home networking connection - Ethernet 2 (AP station 4.0) -

Allow other network users to control or disable the shared Internet connection – OK

Inter	net Connection Sharing
<i>ا</i> ک د	Now other network users to connect through this computer's Internet connection
	Home networking connection:
	Ethernet 2
	Settings

3. AP Station Configuration

AP station direct PC, start eStation.Agent to configure.

eStation.Agent usage steps:

1) Page settings - eRetail3.1 server information:

	ESL Electronic price tag installer - X	
	Install eRetail 3.1, Set the startup parameters	
← → C 192.168.1.103:5000/#/dashboard	Name: eRetal_V3.1	
A Home	Select the installation location:(approximately:300MB) DheRetal_V3.1	
	Main program port: 4000 🔹 TFT API Port: 4001 🔹	
Store Management	Send service port: 9071 😨 Video service port: 4002 😨	
💂 eStation Agent for eRetail 3.1+	Default 9071	×
#1 eRetail 3.1 Server Information	Tool Set	
Server IP 192.168.1.103 Port	9071 No Check Required Test OTA Broadcas	t Factory Test
#2 Agent Configure		
Shop Code 0001 IP Allocate Auto IP	Auto ID allocate ID Rset Auto Config WLAN:192.168.1.103	Run Export
#3 AP List		
Register Time Last Config Time Shop Code ID	IP MAC Firmware Status Option SSH	
	Click No check	



2) Page settings - Configuration content:

contaction Agent for exectain 5.1+										Auto IP: DHCP, automatically			
		obtain network information											
	•	Server IP	192.168.1.103	Port 907		Check Re	quired		Test	obtain network information.			
	U	#2 Agent Configur	e							Auto ID in area: Pandomly assign an			
	•	Shop Code	0001 IP Allocate	Auto IP ~	Network C	onfigure	Auto	ID allocate	ID Rset	IP to the AP station within the			
	#3 AP List		<i>[</i>	Auto IP in area						specified area.			
	Register Time	Last Config Time	Shop Code	ID Manual IP		M	AC	Firmware	Status	Ot			
		/								Manual IP: Assign fixed IP to AP static			
				Retwork Configu	re			o ×					
		/		IP Allocation	() 1. Ob	tain an IP	address aut	omatically					
Store Management	2. Obtain an IP address in an area												
		_/		IP Range From].					
🗂 Base Station Manag	ement + /	udd		IP Range To									
Electronic Shelf Lab Management	ti Store	Number Custome	r Store Number		③ 3. Ma	inually con	figure a sta	tic IP address					
Digital Signage Man	0001	0001		Note	Both 28	3 need to	belowing it	ems.					
				Subnet Mask									
Area Management				Default Gateway									
 Advertising Screen Management 				DNS Configure	🗌 Mani	ual Configu	ure						
				Preferred DNS ser									
				Alternate DNS ser].[
				Cancel			OK						

3) Page settings-Get base station:

💂 eStation Agent for eF	Retail 3.1+													×
	#1 eRetail 3.1 Serv	er Informa	tion							Tool Set				
Δ	Server IP	192.1	68.1.93	Port		9071	No Check Required		Test	от	A I	Broadcast	Factor	ry Test
U	#2 Agent Configur	e				_								1
•	Shop Code	0001	IP Alloca	te	Auto IP	~	Auto	D allocate	ID Rset	Auto Config	以太网 2:19	2.168.1.92	Run	Export
#3 AP List											以太网 2:19	2.168.1.92		
Register Time	Last Config Time	Shop	o Code	ID		IP	MAC	Firmware	Status	Option	SSH 本地连接* 3 本地连接* 3	9.254.26.89	10	
Register Time Last Config Time Shop Code ID IP MAC Firmware Status Option Stati 中型254.26.89 中国語 中国254.26.91 中国語 中国254.26.91 中国2554.26.91														

4) Configure the base station:

2 eStation Agent for eRetail 3.1+ X												
	#1 eRetail 3.1 Serve	r Information				_		Tool Se	t			
1	Server IP	192.168.1.103	Port	9071 🗌 N	lo Check Required		Test Ok	¢	ΟΤΑ	Broadcast	Factor	y Test
	#2 Agent Configure											
	Shop Code	0001 IP Allocate	e Aut	to IP 🗸 🗸	Auto I	D allocate	ID Rset	Auto Con	fig 以太	网 2:192.168.1.92 、	Run	Export
#3 AP List												
Register Time	Last Config Time	Shop Code	ID	IP	MAC	Firmware	Status	Option	SSH			
23-12-18 15:58:29	23-12-12 02:11:35	0001	01	192.168.1.102:9072	02:81:05:4A:D0:2F	1.0.115.0	ОК	View	Connect			
								1				

5) Click Option - View. ID and Network Information can be changed. Click OK to complete

the configuration.

👷 Config eStation X								
Server Information								
Server IP	192.168.1.103							
	9071							
Client Information								
Shop Code	0001							
ID	01							
Network Information								
IP	192.168.1.102							
MAC	02:81:05:4A:D0:2F 👔							
Subnet Mask								
Default Gateway								
Preferred DNS server								
Alternate DNS server								
Cancel	ОК							

4. Summarize

The PC must have two network cards, for AP station and WIFI. Just need to change the

Internet connection sharing settings of WIFI. Firewall settings need to be turned off.