SEMAC Search Software Manual

1. Software Interfaces

P	SEMAC Search 1.5 ((2011/01/07)					- • ×
	Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Addre	ess Software IP
				show ma	achine in	fo	
•							Þ
Г							Befresh
	Realtek PCIe GBE	Family Controller	<u>^</u>	IP Address : 0	. 0 .	0.0	Search
	******			Subnet Mask : 0		0 0	Broadcast
	Active Route : IP Addres	ss : 192.168.0.82		Gateway ·		0 0	C Specific IP Address
	Subnet M Gateway	lask : 255.255.255. : 192.168.3.1	0	Mac Address :	. º .	0.10	192.168.0.0
							DC.
	Active Route :			Software IP :			IP 192.168.0.0 scan
	IP Addres Subnet M	ss : 192.168.3.82 Jask · 255 255 255	n 📕	Software Port : 0			IP 192.168.0.17192.168.0.200 IP 192.168.0.66 only scan
	Gateway	: 192.168.3.1		Terminal ID : 0			192,168.0.66
			~			Alter	Exit
-							

[Fig. 1 **]**

I. Left side of Fig 1:

Realtek PCle GBE Family Controller: Displays the NIC model No. on the device.

Active Route: Displays the current settings

IP Address: IP address

Subnet Mask: Subnet Mask

Gateway: Default Gateway

II. Right side of Fig 1:

Refresh: The refresh button

Search: Search for all IP or a specified IP

Broadcast: Broadcast Search all IP

Specific IP Address: Search for a specific IP

For example: Enter 192.168.0.71 to search for this IP only, enter 192.168.0.0 to search through 192.168.0.1 to 192.168.0.255

Alter: Confirm to modify

Exit: Exit

Available products: SEMAC, WebPass



2. How to use SEMAC Search

Double click SEMAC Search icon on your desktop ; then click Refresh button to search for SEMAC or WEBPASS devices available on network. Any device found will be displayed with its Model Name, IP Address, Subnet mask, Gateway, MAC Address, Software IP, Software Port and Terminal ID in the window, as shown in **[**Fig. 2**]**.

Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Address	Software IP
3	SEMAC-S2	192.168.0.66	255.255.255.0	192.168.0.1	00 OE E3 00 00) 77 192.168.3.5
			IP Address :			Refresh
		E	Subnet Mask : 0			Search Broadcast C Specific IP Addre
Active Route : IP Ado Subne Gatew	lress : 192.168.0.82 t Mask : 255.255.25 ay : 192.168.3.1	5.0	Gateway: 0 Mac Address :	.0.0		192.168.0.0
Active Route : IP Add Subne Gatew Active Route : IP Add Subne Gatew	Iress : 192.168.0.82 t Mask : 255.255.25 ay : 192.168.3.1 Iress : 192.168.3.82 t Mask : 255.255.25 ay : 192.168.3.1	5.0	Gateway: 0 Mac Address : Software IP : Software Port : 0 Terminal ID : 0]0 PS: IP 1 192 IP 1 192	192.168.0.0 192.168.0.0 scan 2.168.0.1~192.168.0 192.168.0.66 only sc 2.168.0.66

[Fig. 2**]**

3. How to use SEMAC Search to modify settings

Click SEMAC Search and select any device found; enter new settings for IP Address, Subnet Mask, Gateway, Software IP, Software Port and Terminal ID, and then click Alter button. A message column will pop up to inform you that the settings have been successfully modified. Click "OK" to close the message column, and complete the setting modification, as shown in **[**Fig. 3-1 & 3-2**]**.

ø	SEMAC Search 1.5 (2011/01/07)					- • ×
	Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Address	Software IP
1	3	SEMAC-S2	192.168.0.66	255.255.255.0	192.168.0.1	00 0E E3 00 00 77	192.168.3.5
4							
-							
				Address ·		[Refresh
	Realtek PCIe GBE I	Family Controller		Address . 192	. 168 . 0	. Isa	ch
	Active Boute		≡ S	ubnet Mask : 255	255 255	.0 0 6	3roadcast
	IP Addres Subpet M	s : 192.168.0.82	G	ateway : 192	168 0		Specific IP Address
	Gateway	: 192.168.3.1	. M	lac Address : 00 (DE E3 00 00 77	192	.168.0.0
	*****	******	. s	oftware IP : 192	168.3.5	PS:	
	Active Route :	100 100 0 00		1		IP 192. 192.16	168.0.0 scan 8.0.1~192.168.0.255
	Subnet M	s : 192.168.3.82 ask : 255.255.255.0) S	oftware Port : 200	0	IP 192. 192.16	168.0.66 only scan 8.0.66
	Gateway	: 192.168.3.1		erminal ID : 3			1
			·			Alter	Exit
-							

[Fig. 3-1**]**

Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Address	Software IP
3	SEMAC-S2	192.168.0.66	255.255.255.0	192.168.0.1	00 0E E3 00 00	77 192.168.3.5
		SEMAC Search Success I Pleas	se Refresh Agsin Af	ter 5 Seconds !		
						Refresh
Realtek PCIe GBE	Family Controller	x E	Subnet Mask : 25	5 255 255		earch • Broadcast
IP Addre: Subnet ₩ Gateway	ss : 192.168.0.82 Iask : 255.255.255.1 : 192.168.3.1		Gateway : 19 Mac Address : 00	2 168 0 0E E 3 00 00 77		Specific IP Addr 192.168.0.0
Active Route : IP Addre: Subnet M	ss : 192.168.3.82 lask : 255.255.255.		Software IP : 193 Software Port : 200	2.168.3.5	PS: IP 1 192 IP 1 192	92.168.0.0 scan 168.0.1~192.168.1 92.168.0.66 only s 168.0.66
Gateway	. 132.100.3.1	-	anima ID . 3		Alter	Exit

[Fig. 3-2]

Press "Refresh" to search again. The modified IP address, subnet mask, default gateway, software IP, software Port and terminal ID will appear in the window, as shown in **[**Fig. 4**]**.

D	SEMAC Search 1.5	5 (2011/01/07)					
	Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Address	Software IP
1	3	SEMAC-S2	192.168.0.99	255.255.255.0	192.168.0.1	00 0E E3 00 0	0 77 192.168.3.5
•	Realtek PCIe GBI	E Family Controller	***	IP Address : 13 Subnet Mask : 25	2 . [168 . [0 5	. 99	Refresh Search ● Broadcast ○ Specific IP Address
	Subnet Gatewa	Mask : 255.255.255 y : 192.168.3.1	5.0	Mac Address : 00	2 168 0 0E E3 00 00 77		192.168.0.0
	Active Route : IP Addr Subnet Gatewa	ess : 192.168.3.82 Mask : 255.255.255 y : 192.168.3.1	5.0	Software Port : 200 Terminal ID : 3	00	IP 19 19 19	192.168.0.0 scan 2.168.0.1~192.168.0.2 192.168.0.66 only scar 2.168.0.66
L							E 11

[Fig. 4**]**

4. Searching device with a specific IP

To search for one device with specified IP address, click Specific IP Address at the bottom right corner and enter the IP address; click Refresh button to search for the device on that IP address, as shown in **[**Fig. 5**]**.

Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC A	dress Software IP
3	SEMAC-S2	192.168.0.99	255.255.255.0	192.168.0.	1 00 OE E	3 00 00 77 192.168.3.5
Deelkek BCla C			IP Address :	[0	· [0 · [0	Refresh
			Subnet Mask : 0	0		C Broadcast
Active Houte IP Ad Subn	dress : 192.168.0.82 et Mask : 255.255.25	5.0	Gateway : 0	.0	.0.0	Specific IP Add 100 100 0 00
Cator	vay : 192.168.3.1	*****	Mac Address :			132.166.0.33
			Software IP : 19	92.168.3.5		IP 192,168.0.0 scan
Active Route	1 100 100 0 00					192.168.0.1~192.168.
Active Route : IP Ad Subne Gatev	dress : 192.168.3.82 et Mask : 255.255.25 vay : 192.168.3.1	5.0	Software Port : 20 Terminal ID : 3	000		192.168.0.1~192.168. IP 192.168.0.66 only s 192.168.0.66
Active Route : IP Ad Subn Gatev	dress : 192.168.3.82 et Mask : 255.255.25 vay : 192.168.3.1	5.0	Software Port : 20 Terminal ID : 3	000	Alter	192.168.0.1~192.168. IP 192.168.0.66 only s 192.168.0.66 Exit

To search for the specified IP segment, click Specific IP Address and specify the segment (e.g. enter 192.168.0.00) Click "Refresh "to search for all devices in the selected segment through 192.168.0.0 ~192.168.0.255, as shown in [Fig. 6].



[Fig. 6]

When the search is complete, it will display all the SEMAC and WEBPASS found. Double click the device to open its webpage where you can enter user name and password for setting, as shown in [Fig. 7].

	SEMAC Search 1.5 (2)	011/01/07)			1		
	Terminal ID	Model Name	IP Address	Subnet mask	Gateway	MAC Address	Software IP
	1	SEMAC-S3	192.168.3.231	255.255.255.0	192.168.3.1	00 0E E3 01 8	9 02 0.0.0.0
2	1	SEMAC-S2	192.168.3.157	255.255.255.0	192.168.3.1	00 0E E3 01 6	B 42 192.168.3.4
;	1	SEMAC-S2	192.168.3.234	255.255.255.0	192.168.3.1	00 0E E3 01 B	A 40 0.0.0.0
ŀ	101	SEMAC-S2	192.168.3.101	255.255.255.0	192.168.3.1	00 0E E3 01 C	6 7D 192.168.3.63
i	800	SEMAC-S2	192.168.3.154	255.255.255.0	192.168.3.1	00 0E E3 01 C	6 7C 192.168.3.89
i	1	WEBPass(M1)	192.168.3.233	255.255.255.0	192.168.3.1	00 0E E3 01 8	8 7C 0.0.0.0
1	2	SEMAC-S2	192.168.3.146	255.255.255.0	192.168.3.1	00 0E E3 01 8	9 01 192.168.3.5
	102	WEBPass(M1)	192.168.3.102	255.255.255.0	192.168.3.1	00 0E E3 01 B	A 8E 192.168.3.63
	ntel(R) PR0/1000	MT Network Conn	action	IP Address : 192	2 168 3	101	Hetresh
3	Active Route : IP Addres Subnet M Gateway	ss : 192.168.3.9 ask : 255.255.255 : 192.168.3.1	0	Subnet Mask : 255 Gateway : 192 Mac Address : 00 Software IP : 192	2 [168]255 [255 2 [168]3 0E E3 01 C6 7D 2.168.3.63		Search C Broadcast Specific IP Address [192.168.3.0 32 192.168.0.0 scan 192.168.0.2 scan 20.188.0.2 168.0.2

[Fig. 7 **]**