# **IP Search Software Manual**

#### **1. Software Interface**

evice Name	Location	Model Name	IP Addre	<b>355</b>	Subr	net mask	Gatewa	ay MAC Address
		<b> </b>	Display	s dev	vice i	nform	nation	
			P Address :	0	0		. 0	Refresh
ealtek PCIe GB	E Family Controller							
ealtek PCIe GB Active Route : IP Adda Subnet Gatewa	E Family Controller ress : 192.168.0.82 Mask : 255.255.255. w : 192.168.3.1	™∎ s	iubnet Mask : iateway : lac Address :	0	. 0 . 0	.  0 _  0	0	© Broadcast © Speific IP Address 192.168.0.0

(Fig 1)

I. Left side of Fig 1:

Realtek PCIe GBE Family Controller: Displays the NIC model number on the device.

Active Route: Displays the current router settings.

IP Address: IP address.

Subnet Mask: Subnet Mask.

Gateway: Default Gateway.

Ⅱ. Right side of Fig 1:

Refresh: The refresh button.

Search: You can choose to search for all IP or a specific 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; the software will search through 192.168.0.1~192.168.0.255 if you enter 192.168.0.0

Alter: Confirm to modify

Exit: Exit

Searchable product types: BF series card readers/fingerprint machines, TCP/IP converters and DIO controllers.

# 2. Using IP Search



I . Double click "IP Search" icon on your desktop ; then click Refresh button to search for BF series devices and TCP/IP converters available on the network. Any device found will be displayed with its Model Name, IP Address, Subnet Mask, Gateway and MAC Address in the window, as shown in (Fig 2).

Device Name	Location	Model Name	IP Addre	\$\$	Subne	et mask	Gate	way	MAC Ad	ddress
		BF-630-E(H₩1.1	) 192.168.	0.66	255.2	55.255.0	192.1	168.0.1	00 OE E	E3 01 23 74
										1
Realtek PCIe GB	E Family Controller		Address :	192	168		. 66	I	Refresh	
Realtek PCIe GB	E Family Controller	E Sub	Address : net Mask :	192	. 168	0	. 66		<b>Refresh</b> ch 3roadcast Spcific IP Add	dress
Realtek PCIe GB	E Family Controller Iress : 192.168.0.82 I Mask - 255 25	E Sub	Address : inet Mask : eway :	192 255 192	_168 _255 _168	0	. 66	Sear © E C S 192	Refresh ch Broadcast Speifie IP Add	dress

(Fig 2)

#### 3. How to change device settings

I. Click "IP Search" and select any device found; enter the new settings for IP Address, Subnet Mask and Gateway, and then press Alter. 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) and (Fig 3-2).

Deffee fidine	Location	Model Name	e	IP Address	Subnet mask	Gateway	MAC Address
		BF-630-E(H	W1.1)	192.168.0.66	255.255.255.0	192.168.0.1	00 0E E3 01 23 74

(Fig 3-1)

Device Name	Location	Model Name	IP Address	Subnet mask	Gateway	MAC Address
1		BF-630-E(HW1.1)	192.168.0.66	255.255.255.0	192.168.0.1	00 0E E3 01 2
	IP-S S	earch uccess ! Please Refresh	h Again After 5 Se	iconds !		
Realtek PCIe GBE Active Route : IP Addre Subnet I Gateway	Family Controller Family Controller Family Controller Family Control Family Control Family Control Family Control Family Control Family Controller Family Co	5.0 Gate	dress : 192 et Mask : 255 way : 192 Address : 00 0E E	168 0 255 255 168 0 301 23 74	70 Sear   0 • E   1 192   192 16 192 16	Refresh ch roadcast poific IP Address 168.0.0

(Fig 3-2)

 II. Click "Refresh" to search again. The modified IP, Subnet Mask and Gateway will appear in the window, as shown in (Fig 4).

Device Name	Location	Model Name	IP Address	Subnet mask	Gateway	MAC Address
		BF-630-E(HW1.1)	192.168.0.70	255.255.255.0	192.168.0.1	00 OE E3 01 23 74
ealtek PCIe GBI	E Family Controller	IP Ad Subn	Idress : 0 et Mask : 0	. <mark>0 . 0 .</mark>	0 Sear	Refresh
IP Addr Subnet Gatewa	ess : 192.168.0.82 Mask : 255.255.255 y : 192.168.3.1	5.0 Gate Mac :	way: 0 Address:	Alter	0 [192. PS: IP 192 192.16 IP 192 192.16	168.0.70 168.0.0 scan 8.0.1~192.168.0.255 168.0.66 only scan 8.0.66

### 4. Searching for a specific IP

I. To search for one device with a specific IP address, Click "Specific IP Address" at the bottom-right hand corner and enter the IP address. Click "Refresh" button to search for the device on that IP address, as shown in (Fig 5).

(Fig 5) II. To search for specific IP segment, select "Specific IP Address" and specify the segment (e.g. enter 192.168.0.0). Click "Refresh" to search for all devices in the selected segment, as shown in (Fig 6).



(Fig 6)

III. When the search is complete, it will display all devices ,BF series and TCP/IP converters found. Double-click the device to open its webpage where you can enter username and password for setting, as shown in (Fig 7) below.

IP Search Ver1.1						
Device Name	Location	Model Name	IP Address	Subnet mask	Gateway	MAC Address
		BF-630-E(HW1.1)	192.168.3.166	255.255.255.0	192.168.3.1	00 0E E3 01 7F 0E
		SMF-670_II-E(HW	1 192.168.3.178	255.255.255.0	192.168.3.1	00 0E E3 01 6A 55
CHIYU		CHIYU GPRS Serv	192.168.3.111	255,255,255,0	192.168.3.1	00 0E E3 00 00 02
aCatalan		BF-630-E(HW1.0)	192.168.3.219	255,255,255,0	192.168.3.1	00 0E E3 01 24 C8
CHIYU		CYT-100MG	192.168.3.122	255.255.255.0	192.168.3.1	00 0E E3 01 DF AC
CHIYU		BF430 232/485 T0	192.168.3.187	255.255.255.0	192.168.3.1	00 0E E3 01 36 45
Intel(R) PR0/1000	MT Network Connec	tion IP Ac	Idress : 0	.0	D Search	efresh
Intel(R) PR0/1000	MT Network Conner	tion IP Ac	Idress : 0 et Mask : 0	0.0.	D D D D D D D D D D D D D D D D D D D	tefresh the roadcast
Intel(R) PR0/1000 Active Route : IP Addres Subnet M	MT Network Connec s : 192.168.3.9 ask : 255.255.255.25	stion IP Ac Subn Gate	ldress : 0 et Mask : 0 way : 0	. [0 . ]0 . . [0 . ]0 .	0 Searc 0 Si 0 192.1	tefresh the toadcast posific IP Address 168.3.0

(Fig 7)

