

KingType E27 EoC Modem/Router Client Network Unit or Terminal GibFibreSpeed Customer Service Reference Manual



Revision History

Document Revision	Revision Description
GFSCSM-ES27-RevA	First Edition

Contents

1. Product Overview

- 1.1 Safety Precautions
- 1.2 Packing List
- 1.3 Features and Specifications
- 1.4 Product Appearance
- 1.5 System Requirements

2. Configuration Preparation

- 2.1 Preliminary Set-up
- 2.2 Logging In to the Device
- 2.3 WLAN Configuration



1.1 Safety Precautions

Usage Cautions

- Read all the safety cautions carefully before using the device.
- To avoid electric shock, please to not open or destroy the equipment, especially if the device is powered on.
- Only use the power supply, included in the package.
- The power supply voltage must meet the requirements of the device input voltage (The voltage fluctuation range is less than 10%).
- Keep the power plug clean and dry to prevent any risk of electronic shock or other danger.
- Power off and disconnect the device from the electricity if not in used for long periods.
- Power off and stop using the device under the following conditions: abnormal sound, smoke, and strange smell. Contact the service provider for maintenance advice, if the device is faulty.

****Note:**** The users should read the usage cautions above carefully and will be responsible for any incident resulted from the violation of the cautions above.

Environment Requirements

- Ensure the device is properly ventilated. Place the device out of the direct sunlight.
- Do not place any object on the device, in case it gets deformed and damaged.
- Do not place the device near any source of heat or water.
- Keep the device away from any household appliances with strong magnetic or electric fields, such as microwave oven and refrigerator.

Cleaning Requirements

- Before the cleaning, power off the device, and unplug all the cables connected to the device, such as power cable, coaxial, and Ethernet cable.
- Do not use any liquid or spray to clean the device. Use the soft dry cloth.

Environment Protection

• GibFibreSpeed will dispose of this equipment, observing local regulations.

1.2 Packing List

After opening the ES27 packing box, make sure that it contains the following components, as listed below.

Packing List

1x ES27 Modem/Router

- 1x Power adapter
- 1x RJ-45 network cable
- 1x Coaxial F-Type Connector

1.3 Features and Specifications

Interface Features

The interface features are as follows:

- IEEE 1901 Standard: Confirms to IEEE 1901 Standard (HomePlug).
- **Ethernet interface:** 10/100Mbps GE interfaces, in compliance with IEEE.



• WLAN interface: in compliance with the IEEE 802.11bgn standards.

Product Specifications

The ES27 specifications are as follows:

- Rated current: 0.5 A, Rated voltage: 12 V DC
- Operating temperature: -5°C to 40°C, Operating humidity: 5%-95%
- Dimensions: 190mm ×33mm×135mm (Width × Height × Depth)

1.4 Product Appearance

Front Panel



	Indicator	Function
1	PWR	Power Indicator:
		No Light: Power Off.
		Green: Power on.
2	LINK	Coaxial cable signal indicator:
		Green: Link synchronised.
		Flashing: Signal is transmitting.
		Off: Synchronisation failed.
3	WIFI	WIFI connection indication:
		Flashing: WIFI data is transmitting.
4	LAN 4	Ethernet interface 4:
		On: Connected.
		Flashing: Data transmitting.
		Off: Connection failed.
5	LAN 3	Ethernet interface 3
		On: Connected.
		Flashing: Data transmitting.
		Off: Connection failed.
6	CON	WIFI configuration / Data service interface:
		(For WIFI local WEB configuration or data service access)
		On: Connected.
		Flashing: Data transmitting.
		Off: Connection failed.
7	LAN 1	Ethernet interface 1
		On: Connected.
		Flashing: Data transmitting.
		Off: Connection failed.





	Symbol	Function
1	RF OUT	TV loop output port – To TV or STB
2	RP IN	RF connection input port – From Gibsat
3	LAN 1	Ethernet interface 1
4	CON	Configuration and service interface
5	LAN 3	Ethernet interface 3
6	LAN 4	Ethernet interface 4
7	WIFI RESET	WIFI reset button:
		Press this button for more than 6 seconds and release. The
		WIFI will restore to the default configuration.
		Default IP address is 192.168.1.1 - admin/admin
8	EOC RESET	EOC reset button:
		Press this button for more than 6 seconds and release. The
		EOC device will restore to the default configuration.
9	Power port	External 12V power adaptor port
10	WIFI Antenna	External 5dbi high gain antenna

1.5 System Requirements

The EoC system requirements are as follows:

- A coaxial connection to the GibFibreSpeed EoC Network.
- A device installed with a 10 Mbps/100 Mbps/1000 Mbps Ethernet interface or an 802.11b/g/n wireless card is needed. (PC, Laptop, tablet, etc)
- A Web browser, such as Chrome, IE, Mozilla Firefox, Opera, etc.

2. Configuration Preparation



2.1 Preliminary Set-up

The GibFibreSpeed team will set-up and configure the ES27. The ES27 will has a default Wi-Fi SSID and WPA-PSK. The SSID and WPA-PSK can be change for, or by, the client if required.

2.2 Logging in to the Device

Perform this procedure to log in to the device.

Prerequisites

Ensure all optical fibre and LAN cables are connected properly to the F668 and a computer or other device is correctly configured.

 Open a Web Browser and enter http://192.168.1.1 (default IP address of the device) in to the URL address bar and press Enter. The login dialog box is displayed, as shown below.

Enter the **Username** and **Password** (by default, both are admin). Click **Login** to open the main window.

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ans 🖪 Google 🔇	00 NAS-1			~				Sign in
	x 192.168.1.1 & NAS-1	Authentication Requi	red					
		The server http://192.168.1 password.	.1:80 requires a username and		+You	Gmail Image	s 🏭	Sign in
		Univ Manager and and a						
		User Name: admin						
		Password:						
			Log In Cance	4				
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		Google Search	I'm Feeling Lucky					

Login Window

From the menu on the left click on 'Wizard' and select 'PPPoE' and click on 'Next'



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← → C ☆ 192.168.1.1	『☆ 〓
Apps 🔱 Google 🧐 NAS-1	
废特集团 EoC Wireless Router	
 Status Wizard Network WLAN DHCP Server Forwarding Security Route Tools Logout Please click to view more kangte router products ©2013 kangte Status Status Status Status Status Status Set wizard Set wizard Set wizard Thanks for using 11n internet wireless router Wizard can help you setup the device easily, otherwise you can setup it from the menu Wizard can help you setup the working mode and basic parameter of the router PPPOE network (PPPOE) Ethernet broadband, auto gain IP address from vendor (Dynamic IP) Ethernet broadband, network vendor provide fixed IP address (Static IP) 	Help Info If you are not familiar with the knowledge of the network or router products, you can easily follow the prompts to complete the setup. If you are an expert, you can also go directly to the menu item, then modifying the network parameters to be set.

Clients PPPoE username and password are entered here and then click 'Next'

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👯 Apps 🚦 Google 😵 NAS-1		
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	oC Wireless Router	
e Status		Help Info
Winned		If you are not familiar with
• wizaru	setting wizard-PPPoE	the knowledge of the
• Network		network or router products,
* WLAN	When you apply for a dial-up service. Internet service providers will provide you	you can easily follow the prompts to complete the
+ DHCP Server	Internet account and password, corresponding to fill in the next box. If you have	setup. If you are an expert,
+ Forwarding	forgotten or is not clear, please consult your network service provider.	you can also go directly to
+ Security		the menu item, then modifying the network
* Route	account: eoc04	parameters to be set.
* Tools	password:	
• Logout		
Please click to view		
more	Previous Next	
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Click 'save' and wait for confirmation prompt.



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11N wireless broadband rc ×		
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57		
KINGTYPE GROUP	EoC Wireless Router	
		Help Info
• Status		Té una ana familiar mit
• Wizard	set wizard	the knowledge of the
* Network		network or router products,
* WLAN	Commutation IV or how more differentiable de la terrate contra la cie	you can easily follow the
* DHCP Server	congratulations: I ou have successfully completed the the internet required basic network parameters settings, reboot the router and you can use the internet. If you	setup. If you are an expert,
+ Forwarding	need to do further settings, click the other menu.	you can also go directly to
* Security	Click "Save" to save the parameters and end the quick set.	the menu item, then
* Route		parameters to be set.
* Tools		
 Logout 	Previous Save	
Please click to view		
more		
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©2015 Kangte		
		•

Click 'OK' on the confirmation prompt

	The page at 192.168.1.1 says:	×
E	save successfully	
	ОК]
i,		



From the left menu click on status and confirm that the username and password have authenticated and an IP address has been assigned to the WAN Interface.

% NAS-1		
康特集团	EoC Wireless Router	
• Status	System Info	Help Info
• Wizard	work mode: route	System Information: this
* Network	Software Version: 0.0.2 build hgw	option mainly includes the
* WLAN	Build Date: 2013-10-24-13:55	the software and hardware
+ DHCP Server	Hardware Version: ar9331	version, click the refresh
* Forwarding	Run Time: 0d-3h-57m-58s Refresh	button, the running time will
* Security		WAN port status: it contains
* Ponto	WAN Interface Status	the WAN port connection of
Tools	à coare Moda: dial un naturale PPPAE	the routing mode, connection
T and the second	Connection status: connected	address, Gateway, DNS
Logour	MAC address: 00:0F:1E:AE:12:5E	server , binding ports and so
Please click to view	IP Address: 185.9.215.17	on The WAN port
kangte router products	Submask: 255.255.255	ways, which are static
©2013 kangte	Gateway: 10.200.0.1	configuration, DHCP and
	DNS Servers: 66.28.0.45,66.28.0.61 Disconnect	PPPoE for dial-up access.
	port bind: LAN1,LAN2,LAN3,LAN4,WLAN1	shows the number of bytes
		and packets which is sended
	WAN Interface Flow Count	and received by the external
	0	running time.
	Send Bytes: 14123631 Banaira Bytes: 121307825	LAN State:it includes the
	End Packages: 54586	internet bridge's MAC
	Receive Packages: 160778	Wireless State: the status of
		all virtual AP's is displayed
	LAN Interface Status	includs the name of the
	MAC address: 00:0f1e:ae:12:5f	authentication mode, the
	IP Address: 192.168.1.1	channel and the wireless
	Submask: 255.255.255.0	protocols which is used.
	Wireless Status	
	Window Eastle	
	SSID: GES0050	
	STATE STATES	



2.3 WLAN Configuration

Configuring Basic WLAN Parameters

Perform this procedure to configure the basic WLAN parameters.

1. From the menu bar on the left side of the screen, click on the '<u>WLAN'</u>

Here the SSID, WPA Key and other basic settings can be changed.

Recommended settings	
Wireless:	enable
Wireless protocol:	802.11bgn
Speed:	auto
TX Power:	100%
Authentication Mode:	WPAmix
Channel Auto Selection:	enable
WPA Encrypt:	TKIP & AES
Max sta:	no limit

Google NAS-1				
康特集团 E	oC Wireless Route	r		
 Status Wizard Network WLAN Basic Extension DHCP Server Forwarding Security Route Tools Logout Please click to view more kangte router products ©2013 kangte 	Basic Setting Wireless: SSID: SSID Hide: BSSID:00:06:1E:J Wireless Protocol: Speed: Tx Power: Authentication Mode: Channel Auto Selection: WPA Encrypt WPA Key: Max stn: Save Restore	 ✓ Enable GFS0050 □ Enable Auto ▼ 100% ▼ WPAmix ▼ ✓ Enable TKIP&AES ▼ 0050998c no lmmt ● 	Help Info You can set few writess info parameter, such as SSID and channel SSID: Network name shared by all devices in the writeless network. Main SSID must be filled, the second one can not be set SSID hinfe: If the writeless note to desct the writeless into to desct the writeless into the SSID broadcast, thus hiddening the SSID name. Channel, you can select anyone for an 1.3 channels or auto. Try to choose the less use channels to zvoid interference Authentication medical used between the wireless router and the terminal, the user can select Neno, WEP or WPA	

Remember to click on 'Save' to continue.

