# HG6145F

Code:MN000004972A Version:A

Quick Start

### Web Configuration

#### Configuring IP Address of Network Card

Configure TCP/IP properties of network card to Obtain an IP address automatically from ONT, or set the IP address of the computer with the same network mask of the ONT.

#### Internet Settings (Internet can use after Apply)

The following is the detailed description of internet settings for the first time. Step 1 Open the Internet Explorer (IE) browser and enter http://192.168.1.1/3bb Step 2 In the Quick Configuration page that is displayed, enter the username, password and





After finished this step, please click "Apply" the internet settings and internet will ready for use.

### 2.4GHz and 5GHz Wireless Settings

- Step 1 Open the Internet Explorer (IE) browser and enter http://192.168.1.1
- Step 2 On the Login page, enter the login username (admin by default), password (the last 4 digit of MAC Address on the label) and validate code. Click Login.

### Safety Precautions

To operate the equipment safely and correctly, users should read the following precautions carefully before operating the equipment, and observe strictly during operations

#### Installation and usage

- Install the equipment in a well ventilated environment without high temperatures or direct sunlight to protect the equipment and its components from overheating, which can result in damage.
- Avoid moisture, dampness and water damage. Equipment exposed to water cannot work normally and can be extremely hazardous due to shorting.
- Do not lay this equipment on an unsteady base. If you want to place the equipment at high places or hang it on the wall, please make sure the equipment is firmly secured. Falling down from high places would damage the equipment and its accessories, and warranty will be void.
- Do not lay a heavy object on the equipment, and avoid violent collision.
- Use the power supply adapter provided in the package only. Using other adapters may cause equipment damage or operation failures.
- The electrical load capacity of the socket and cables should meet the equipment's requirement. Power socket overload, broken cables or broken plugs may cause electric shock or fire. Regular check-ups on power supply wires and cables are essential. If any appears damaged, replace it at once.
- Power off the equipment in the event of lightning storms. Disconnect all cables connected to the equipment such as power cable, network cable and telephone line to avoid equipment damages caused by lightning stroke.
- If the equipment is not used for a long period, please shut off the power supply and unplug the power cable.
- Do not wash the equipment with water. Before cleaning the equipment case, please shut off the power supply and unplug the power cable.
- Do not touch the wires and cables with a wet hand.
- Do not use benzene o ethyl alcohol, or gasoline to clean the equipment.



After login in to the GPON Terminal (HG6145F), you will see the following interface You can check, configure and modify all the settings.

	HG6145F					Logou
BROADBAND	Status	Network	Security	Application	Management	
Device Information	Status » Devic	e Information » [	Device Informatio	n		
Device Information						
Wireless Status	On this page, y	ou can query devic	e information.			
WAN Status						
LAN Status	Device Informa	tion				
Optical Info	Software Versi	on RF	2840			
VoIP Status	Hardware Vers	ion W	KE2.094.373A01			
VoIP Call History	Device Model	но	36145F			
	Device Descript	ion Gi	PON			
	Serial Number	FH	TT92F51A68			
	ONU State	0.	(Intial)			
	ONU Regist Sta	e IN	π			
	LOID	fib	erhome			
	CPU Usage	89	6			
	Memory Usage	31	.75%			
	Flash Usage	50	%			
	Web Server por	t 80	1			
	System UpTime	0	d 1 h 5 m 24 s			
	MAC Address	14	:22:33:F5:1A:68			

#### Services

- The warranty is void if the product is opened, misused, damaged or modified in any way. Contact you dealer without delay, if
- the power cable or the power plug appears damaged
- the product has been exposed to rain or moisture:
- the product has fallen from high places.
- you fail to use the product normally in strict accordance with the user manual supplied

#### Note:

The figures in this manual are only for reference. If there is any discrepancy between the manual and the final product, the final product shall prevail

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#### Step 3 On the navigation tree for 2.4GHz WiFi Settings, User can choose "Network > WLAN Settings > 2.4C Basic" Example the default config like the picture be

2.4G Basic", Exa	ample the defa	ult config like	e the picture	below, yo	u may ch	loose the p	i

WLAN Settings	Network > WLAN Set	tings + 2.4G	Basic				
2.4G Basic	The state of the s	ango + 2.40	outron.				
2.4G Advanced	You could configure th	e minimum nu	mber of Wireless	settings for commu	nication, such as Channel. The Ad	ccess Point can	
2.4G WIFI Control	set simply with only th	e minimum set	ing nems.				
5G Basic	Wirelass Network						
5G Advanced	Radio On/Off						
5G WIFI Control	Network Mode		02.11 ax 👻				
WPS	Domain	1	HAILAND				
LAN Settings	Frequency Bandwidth	1					
BroadBand Settings	Frequency (Channel)	Frequency (Channel) Auto Selected •					
Authentication	Guard Interval	1	short +				
VoIP Settings		Appl	Cancel				
Route Settings							

After finishing, please click "Apply" button to apply the WLAN settings.

Step 4 The WPA Preshared Key (WiFi Password) is printed on the device's rear panel, please use default password 1111100000, you may modify them in "Network > WLAN Settings > 2.4G Advanced > Passphrase"

BRUADBAND	Status	Network	50	curity	Application	manag	ement		
WLAN Settings	Network » WLA	N Settings > 2	4G Adva	inced					
2.4G Basic									
2.4G Advanced	Setup the wirele	ess security and	encryption	to prevent a	iny unauthorized a	iccess and m	onitoring.		
2.4G WIFI Control									
5G Basic	Select SSID								
5G Advanced	SSID Choice		1			Enable	O Disable		
5G WIFI Control	S SID Name								
WPS	SSID Name		366-wf	an		* (1-32 0	(haracters)	Hidden 🗐	
LAN Settings									
BroadBand Settings	Security Poscy		MEN		2.004				
Authentication	Germin mode		HEA	FORMERA	eron +				
VoIP Settings	WPA(WI-Fi Prote	cted Access)							
Route Settings	WPA Algorithms		O AES	TKP	4ES				
	Passphrase				*(You can inp	ut 8-63 chara	cters)		
			Apply	Cancel					

After password modified, please click "Apply" button to apply the modification.

### **S** Product Overview



4 GE interfaces 1 Phone interface External antenna 2 USB interfaces Wi-Fi interfaces (2.4GHz, 5GHz)

### Packing List

#### The following items are included in the product package.

Items	Quantity
GPON Terminal (HG6145F)	1
PowerAdapter	1
Ethernet Cable	1
Phone Cable	1
Quick Start	1
Patch Cord	1
Note:	

If you find anything missing or damaged, contact your service provider.

### Technical Specification

Items	Descriptions
Dimension	41mm×201mm×149mm(H×W×D)
Weight	339g approximately
DC	DC 12V/1.5A
Power consumption	<17W
Operating temperature	-5°C to 45°C
Storage temperature	-20°C to 70°C
Environmental humidity	10% to 90%, non-condensing
	Items Dimension Weight DC Power consumption Operating temperature Storage temperature Environmental humidity

## Hardware Installation

Follow the steps and diagrams below to install the ONU device.

- Step 1 Connect the **PON** interface and the optical interface on the wall with the optical fiber
- Step 2 Connect the LAN interface and the network interface of a computer through an ethernet cable.
- Step 3 Connect the **Phone** interface with a telephone through a phone cable. Step 4 Connect the **Power** interface with the power adapter, and then plug to the
- power socket.
- Step 5 Press the **ON/OFF** button to turn on the device.





#### The follow table describes the interface of the device

向

nterface / Button	Description
VPS	The WPS button to enable or disable the 2.4GHz Setup function.
VLAN	The WLAN button to enable or disable the 2.4GF function.
hone1	Telephone RJ-11 interface connecting with the s
AN1 to LAN4	Ethernet RJ-45 interfaces connecting to the com
JSB1,USB2	The USB interfaces connecting to the USB stora
N/OFF	The power switch to turn on or turn off the power.
Power	The power interface connecting to the DC power battery.
Reset	Press and hold the button for 5 seconds or longe default.
PON	The fiber interface connecting to the optical fiber

icture below.

Step 5 On the navigation tree for 5GHz WiFi Settings, User can choose "Network > WLAN Settings >
5G Basic", Example the default config like the picture below, you may choose the wireless network to

same as the picture below.

	HG6145F					Logou
BROADBAND	Status	Network	Security	Application	Management	
WLAN Settings	Network » WL	AN Settings » 5	G Basic			
2.4G Basic						
2.4G Advanced	You could confi	gure the minimum	number of Wireless s	ettings for communi	cation, such as Channel. Th	ne Access Point can be set
2.4G WIFI Control	simply with only	the minimum setti	ng items.			
5G Basic	Wireless Netwo	rk				
5G Advanced	Radio On/Off					
5G WIFI Control	Network Mode		802.11 ax	<b>_</b>		
WPS	Domain		THAILAND			
LAN Settings	Frequency Band	width	80MHz	~		
BroadBand Settings	Frequency (Char	nnel)	Auto Selected	5		
Authentication	Guard Interval		Short V			
VoIP Settings			Amply Canad			
Route Settings		2	Cances			

After finishing, please click "Apply" button to apply the WLAN settings.

Step 6 The WPA Preshared Key (WiFi Password) is printed on the device's rear panel, please

use default password 1111100000, you may modify then in "Network > WLAN Setting > 5G Advanced > Passphrase



After password modified, please click "Apply" button to apply the modification





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Bottom panel 9. Fiber interface

> /5GHz Wi-Fi Protected Hz/5GHz WLAN ubscriber telephone puters, routers, etc ne devices adapter or the storage r to restore to factorv