

## 4. Initial Web Access

You can access H640W through a web browser by using the "initial LAN IP" at first. The detail procedure is as follows:

- ① Connect LAN1 port of H640W to your PC using Ethernet cable.
- ② Configure IP assignment of your PC to DHCP (dynamic assignment). How to configure dynamic IP on your PC is as follows:

For Windows XP:

**Start > Setting > Network Connections > Local Area Connection** double click > **Internet Protocol (TCP/IP)** double click > **Obtain an IP address automatically** and **Obtain DNS server address automatically** selection > **OK**

For Windows 7:

**Start > Control Panel > View network status and tasks under Network and Internet** (View by: Category) > **Change adapter settings** on the left menu > **Local Area Connection** right-click > **Properties > Internet Protocol Version 4 (TCP/IPv4)** double click > **Obtain an IP address automatically** and **Obtain DNS server address automatically** selection > **OK**

The PC will be allocated 192.168.1.1~254 automatically through H640W.

- ③ Open a web browser, and enter <http://192.168.1.100:8080> in a URL field.
- ④ Type "user/user" in user name/password field, and log into the system. Initial page is displayed.

※ The default SSID and its key are as follows:

SSID: DASAN\_GONT / Key: 1234567890a

- ※ To change the password, on the web above, **Basic Settings > Wireless LAN > SSID Setting > Click Modify > Change password > Click Apply.**



## H640W QIG (Quick Guide)

V1

### GPON Optical Network Terminal (ONT) with Wi-Fi

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## 1. Caution

- This unit is indoor use and all the communication wirings are limited to inside of the building.
- Never look directly at the fiber TX port and fiber cable ends when they are powered on.
- DO NOT use near water.
- DO NOT place near high temperature source.
- DO NOT disassemble the unit.
- DO NOT operate the unit in a location where the maximum ambient temperature exceeds 104°F.
- Open optical connections must use a protective cap under all circumstances to protect against physical damage and dirt.
- Avoid impact stresses when handling connectors. Physical damage to the faces of optical connections impairs transmission quality (higher attenuation).
- Avoid a bend radius in excess of 1.18 in for fiber optic links.
- Check the available voltage supply.
- Only connect approved accessories.
- It may only be repaired by authorized service personnel.

### FCC Certification Requirements

#### • Caution

Any changed or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

#### • FCC RF exposure requirements

The antenna used with this module must be installed to provide a separation distance of at least 20cm from all persons, and must not transmit simultaneously with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

#### • User Information

This device complies with Part 15 of the FCC's Rule. Operation is subject to the following to conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesirable operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## 2. Introduction

### 2.1 Package Contents

- H640W
- Power Adapter
- RJ45 UTP Cable
- QIG (Quick Guide)

### 2.2 Specification

Item	Specification
System Memory	128MB DDR3
Flash Memory	128MB Nand Flash
Uplink Interface	1 GPON port (SC/APC)
Service Interface	4 10/100/1000Base-T ports (RJ45)
Wireless	2 detachable antennas IEEE 802.11b/g/n compliant Bandwidth: 2.4GHz Two Transmit and Two Receive path (2T2R)
USB Interface	1 USB host
LED	PWR, PON, LOS, USB, WLAN, LAN1~4
AC/DC Adapter	12VDC/1.5A
Power Consumption	Max. 14W
Operating Temp.	0 ~ 40°C
Relative Humidity	5 ~ 95% (non-condensing)
Dimensions (W x D x H)	160 x 147 x 40 mm
Button	On/Off power switch, WLAN, RESET

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## 2.3 Rear View



Item	Description
① OPTIC LINE	Connect the network.
② LAN1~4	Connect PC or LAN.
③ USB	Connect an external USB device for management.
④ ON/OFF	Turn on/off the unit.
⑤ Power Port	Connect power adapter.
⑥ RESET	Reboot the unit.
⑦ WLAN	Enable wireless function.
⑧ Antenna	Transmit and receive wireless packets.

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## 2.4 Front View (LEDs)

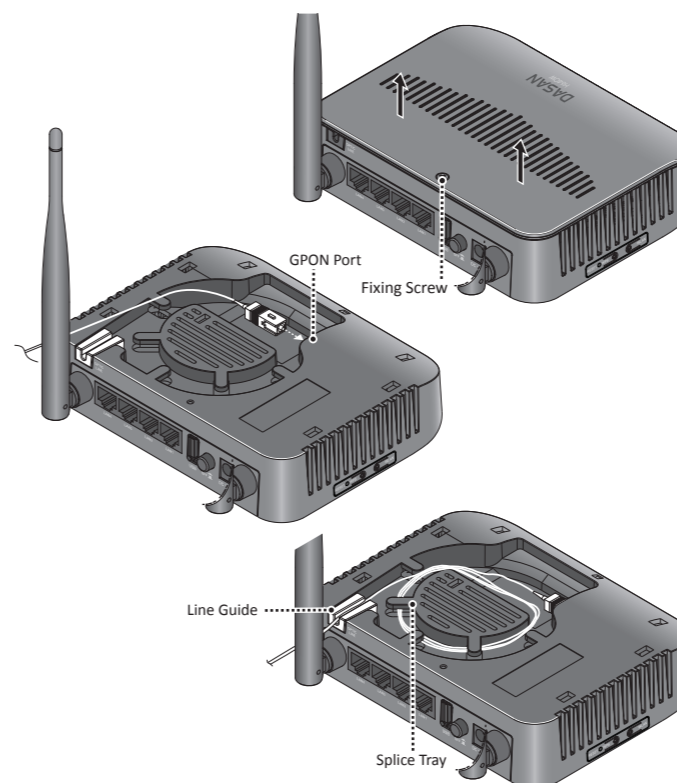


Label	Light	Status	Description
PWR	Green	On	The system is turned on.
		Off	The system is turned off.
PON	Green	On	Register OK. The SFF port link is up.
		Blink	Register is starting.
		Off	Not register. The SFF port link is down.
LOS	Red	On	Received optical power normal
		Blink	Received optical power is less than optical receiver sensitivity.
		Off	Link is down.
LAN 1~4	Green	On	The 1G port link is up.
		Blink	The 1G transmit or receive activity is present on the service port.
		On	The 100M port link is up.
		Blink	The 100M transmit or receive activity is present on the service port.
USB	Green	On	USB is connected, and working normally.
		Blink	Data is being transmitted.
		Off	USB is not connected, or power is not fed.
WLAN	Green	On	Wireless function enabled
		Blink	Wireless transmit or receive activity is present.
		Off	Wireless function disabled

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## 3. Installation

- ① Loosen a fixing screw, and pull the upper cover out to remove it. Connect an SC/APC connector cable to GPON port, and then arrange optical line through splice tray and line guide, not to give damage to GPON connection due to any possible pull. And then close the cover, and fix it by tightening the screw.



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- ② Connect the Ethernet cable from LAN port to PC.
- ③ Connect a power adapter from power port to a live AC outlet.
- ④ Turn on the unit by pushing the power switch.
- ⑤ Push WLAN button to enable WLAN.
- ⑥ Adjust antenna direction for better wireless communication. You can make antennas oblique outside or inside the body by tilting and rotating them.



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