



1. Front Panel

- ① _____
- ② _____
- ③ _____
- ④ _____
- ⑤ _____
- ⑥ _____
- ⑦ _____
- ⑧ _____



Quick Installation Guide

PG2141 is GPON ONT for FTTH Networks BoSA On Board Optical Solution Smart Wi-Fi.

Connect the Hardware

If your Internet connection is through an Ethernet cable from the wall instead of through a DSL/Cable modem, connect the Ethernet cable directly to the router's Internet port, and skip Step 1,2,3 to complete the hardware connection.

① POWER	Off	The modem is powered off.
	On	The modem is powered on.
② PON	Off	The initialization is not started, or has failed.
	Flashing	The PON mode is scanning the range.
	On	The PON mode is available.
③ LOS	Off	The modem is upstream ranging.
	Flashing	The modem is upstream ranging.
	On	The modem is upstream locked.
④ LAN 1-4	Off	Internet service is not available.
	Flashing	The modem is initializing.
	On	Internet service is available.

	Off	5G WIFI Interface disabled.
5 5G	Flashing	5G WIFI is sending or receiving data.
	On	5G WIFI Interface enabled.
	Off	2.4G WIFI Interface disabled.
6 2.4G	Flashing	2.4G WIFI is sending or receiving data.
	On	2.4G WIFI Interface enabled.
	Off	The WPS Interface enabled.
7 WPS	Flashing	The WPS Interface in use.
	On	The LAN port is connected.
	Off	The telephony service is not available.
8 PHONE1-2	Flashing	The telephony line is in use.
	On	The telephony service is available.

2. LED Status

LED	Power up Initial	DS scan	DS locking	US ranging	Request CM IP	Request CM config	CMTS register Complete	Request MTA IP	Request MTA config	Restart Voice service	Telephone Register complete
Power	On	On	On	On	On	On	On	On	On	On	On
DS	Blinking	Blinking	On	On	On	On	On	On	On	On	On
US	Blinking	Off	Off	Blinking	On	On	On	On	On	On	On
ONLINE	Blinking	Off	Off	Off	Off	Blinking	On	On	On	On	On
2.4G/5G	Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off
ETH1-4	Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off
TEL1-2	Off	Off	Off	Off	Off	Off	Off	Blinking	Blinking	Blinking	On

3. Rear Panel



- 1 Ethernet RJ11 Telephone ports to connect your phone or fax.
- 2 Internet RJ45 Ethernet ports to connect your PC or home network devices.
- 3 USB 3.0 USB 3.0 Port to connect with USB
- 4 Reset Button Pin-hole for factory reset.
- 5 12VIN Connects the unit to DC 12V power.

4. Connecting and Installing devices

Before installation, please check with your service provider to ensure that the cable broadband is active.



5. Instruction for Connecting Modem – PC

- 1) Make sure the following:
 - Your Cable Modem is powered ON. The power LED will be turned ON.
 - Your PC is turned-on and connected to Cable Modem using an Ethernet cable.
 - Connect tightly the coaxial cable to the cable outlet.
 - After Online LED is ON, Cable Modem becomes online.
- 2) Configure your PC to obtain an IP address from a DHCP server.
- 3) From your PC, start your web browser application like Chrome, Internet Explorer, or etc.
- 4) Type a valid URL such as "www.kaonmedia.com" and <Enter>. The web site should be open if connected correctly.

6. Package Content



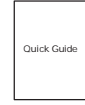
PG2141



Power Adaptor



Ethernet Cable
(CAT5/RJ45)



Quick Guide

Adaptador ca/cc
Entrada: 100-240 Vca 50/60 Hz 0.8ª
Salida: 12 Vcc 2.5A

Elaborado por : **KAON**

IMPORTADOR: KAONMEDIA DE MÉXICO, S. DE R.L. DE C.V.
Sudermann 404 Oficina 502, Bosques de Chapultepec
Miguel Hidalgo, C.P.11580, Ciudad de México.

Specification

Main Chipset	GPON BCM68460 - Wi-Fi BCM4360 (3x3 11n), BCM4366E (4x4 11ac) - Wi-Fi BCM4366E (4x4 11ac), BCM4366E (4x4 11ac)
Memory	128MB NAND Flash 256MB DDR3 RAM
Wi-Fi	802.11 a/b/g/n/ac MU-MIMO 3x3 2.4 GHz + 4x4 5 GHz dual band concurrent Internal antenna
Mesh	KAON Smart Mesh
Front	12 x LED Indicators WPS Button
Rear	1 x Fiber optic 4 x GbE LAN Ports 2 x FXS ports (RJ-11) 1 x USB2.0 1 x Power switch, Pin-hole reset button
Power	DC 12V (2.0A)
Package	User Guide Ethernet Cable Power Supply

Exterior Design



Instrucciones de seguridad importantes

Precaución



Lea cuidadosamente antes de usar el producto. Las instrucciones que se describen a continuación contienen información importante acerca de la seguridad. La empresa no asume ninguna responsabilidad por accidentes y daños resultantes de una manipulación descuidada por parte del usuario.

1. Lea estas instrucciones.
2. Conserve estas instrucciones.
3. Ponga atención a todas las advertencias.
4. Siga todas las instrucciones.
5. No utilice este aparato cerca del agua.
6. Limpiar con un paño seco.
7. No bloquee las aberturas de ventilación. Instale de acuerdo con las instrucciones del fabricante.
8. No instale cerca de fuentes de calor, como radiadores, calentadores, estufas u otros aparatos (incluyendo amplificadores) que generen calor.
9. No anule o modifique el enchufe eléctrico polarizado o con toma de tierra. Un enchufe polarizado tiene dos clavijas, una más ancha que la otra. Un enchufe con toma de tierra tiene dos clavijas y una tercera clavija de conexión a tierra. La hoja ancha o la tercera clavija se proporcionan para su seguridad. Si el enchufe suministrado no encaja en su toma, consulte a un electricista para reemplazar la toma obsoleta.
10. Proteja el cable de alimentación de ser pisado o aplastado, especialmente en los enchufes y el punto donde sale del aparato.
11. Utilice solamente los adlmanentos/accesorios especificados por el fabricante.
12. Coloque el equipo sobre una superficie plana, firme y segura, se recomienda sobre una mesa, no lo coloque sobre el piso.
13. Desenchufe el aparato durante las tormentas eléctricas o cuando no lo utilice durante largos periodos de tiempo.
14. Solicite el servicio al personal calificado. Se requiere servicio cuando el aparato ha sido dañado de alguna manera, por ejemplo si el cable de alimentación o el enchufe está dañado, se ha derramado líquido o han caído objetos dentro del aparato, el aparato ha estado expuesto a la lluvia o humedad, no funciona normalmente o se ha caído.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture* or equivalent. *Apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.*

ADVERTENCIA: Para reducir el riesgo de incendio o descarga eléctrica, no exponga este aparato a la lluvia ni a la humedad o equivalente. El aparato no debe estar expuesto a goteos, salpicaduras o algún objeto lleno de líquido, como jarrones, sobre el aparato.

NOTE: 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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this device must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.