Manuals+ — User Manuals Simplified.

KAON PG2141 GPON Gateway Installation Guide

Contents

KAON PG2141 GPON Gateway

Quick installation guide

PG2141 is GPON ONT for FTTH Networks BoSAOn 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.

FrontPanel

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.

		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.

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.

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

Connecting and Installing devices

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

Instruction for Connecting Modem –PC

1. Make sure the following:
    1. YourCableModemispoweredON.ThepowerLEDwillbeturnedON.
    2. YourPCisturned-onandconnectedtoCableModemusinganEthernetcable.
    3. Connecttightlythecoaxialcabletothecableoutlet.
    4. 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, InternetExplorer, etc.
4. Type avalidURLsuchas"**www.kaonmedia.com**"and<Enter>. The website should be open if connected correctly.
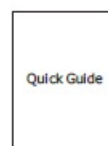
Package Content

| PG2141 | Power Adaptor | Ethernet Cable (CAT5/RJ45) | Quick Guide |

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

Documents / Resources

	KAON PG2141 GPON Gateway [pdf] Installation Guide PG2141, 2AXCW-PG2141, GPON Gateway

References

- 🌐 **KAONMEDIA**