



FR-GR1010PEGU-D 11-Port Gigabit PoE 5G Router(8-Port PoE)

Main Features

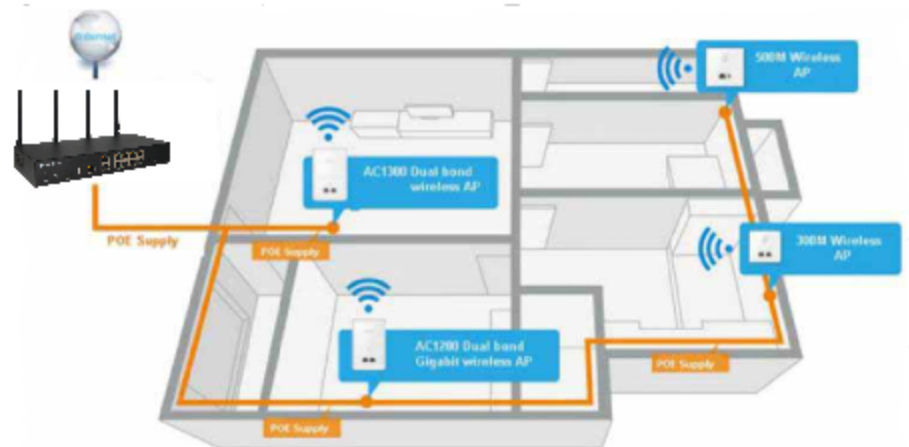
- 8*PoE ports compliant with 802.3at/af
- 11*10/100/1000Mbps RJ45 ports
- 1*USB2.0 port
- External 120W power supply
- Supports AC(AP managed)
- Supports 5G NR network

Description

FR-GR1010PEGU-D is an integrated Gigabit router which has AC and PoE function, It could solve No-Wifi situation for Large-sized apartment or Complex layout apartment when it just one has a router. It is easy to install. Simple to set up. It is designed by arranging wireless AP panel in each room. It has unified management. It does not fear the wall barriers and can eliminate the covering corners. It can seamless roam easily. It has automatic cleaning function which can ensure the equipment run stably for a long time. It can provide quality, high-speed, stable wireless network coverage for home users, small and micro enterprises.

FR-GR1010PEGU-D support 5G NR communication. Users can insert a 5G Nano USIM card to access internet with 5G network without wired network access.

Application topology



Features

- >1 Port 10/100/1000Mbps RJ45 WAN port, 10 Port 10/100/1000Mbps RJ45 LAN port;
- >Support 5G NR network, downlink rate up to 2Gbps, uplink rate up to 230Mbps
- >Easy to understand ports, data transmission and PoE power supply status of LED port;
- >The power supply up to 30W for each single PoE port and 90W for all PoE ports ;
- >Exquisite iron shell design ,suitable for frame and install and use desktop;
- >LED indicators for monitoring Link / Activity/Speed ;

Hardware Specification

Model Name		FR-GR1010PEGU-D
Chipset		MT7622B-RTL8367S+RTL8370N+IP808AR+MH5000-31
CPU Frequency		1.35GHz
RAM capacity		512MBytes (DDR3)
ROM capacity		16MBytes (SPI Flash)
Standards and Protocols		IEEE802.3i,IEEE802.3u,IEEE802.3ab,IEEE802.3at, IEEE802.3af
5G Module	Frequency Range	5G NR:n78/n79/n41 4G LTE:B1/B3/B5/B8/B34/B38/B39/B40/B41 3G UMTS/WCDMA:B1/B8 2G:1800MHz/900MHz
	Signal Rate	5G NR DL/UL: 2Gbps/230Mbps LTE TDD DL/UL: 1Gbps/30Mbps LTE FDD DL/UL: 600Mbps/75Mbps DC-HSPA+: 42Mbps/5.76Mbps HSPA+: 21Mbps/5.76Mbps EDGE: 236.8kbps/236.8Kbps GPRS: 85.6kpbs/85.6kpbs
Interfaces		1*10/100/1000Mbps WAN Port(RJ45) 10*10/100/1000Mbps LAN Port(RJ45) 1*USB 2.0 Host Port 1*NANO USIM card Port 1*DC power supply Port
Button		Reset
PoE Ports(RJ45)		8*PoE ports compliant with 802.3at/af (LAN3~LAN10)
Power Pin Assignment		1/2(+),3/6(-)



PoE Budget		90W
Indicators	Per Device	Power, SYS
	Per Port	Link/Activity, PoE
Power Supply		External 120W power supply
Dimensions (W x D x H)		280*180*44mm
Environment		Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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Soft Specification

<p>Practical function</p> <ul style="list-style-type: none"> ● QoS ● DDNS ● The TFTP server ● UPNP ● Scheduled tasks ● Access control ● WPS 	<p>Network Settings</p> <ul style="list-style-type: none"> ● WAN connection types supported: PPPoE \ DHCP \ Static IP \ PPTP \ L2TP ● The MAC address clone and modify ● Static routing and routing table ● Diagnostics ● Hostname 	<p>System configuration</p> <ul style="list-style-type: none"> ● Software upgrade ● Save&reload settings ● System log ● NTP server ● Language & Style ● SSH access
<p>Security Settings</p> <ul style="list-style-type: none"> ● Administrator ● LAN WEB management ● Remote WEB management 	<p>DHCP Settings</p> <ul style="list-style-type: none"> ● DHCP Server ● DHCP Client ● The client list ● Static IP 	<p>Firewall</p> <ul style="list-style-type: none"> ● DMZ ● Port Forward
<p>AC Management</p> <ul style="list-style-type: none"> ● Status ● AP Management ● Portal ● System Management 		

