HYUNDAI
ELECTRONICS

2.4G & 5.8G 1800Mbps 802.11AX WiFi6 Indoor Gigabit Wireless Router

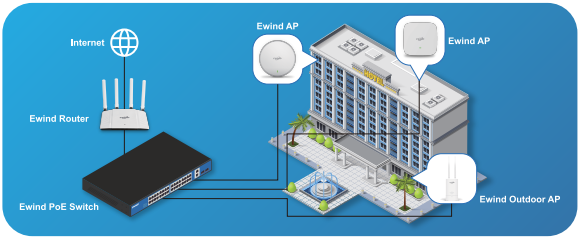
HYU-NE-SW-WRI1800MB001

USER MANUAL

GENUINE PRODUCT OF
HYUNDAI CORPORATION

Product Overview





Stable WiFi Signal

Full Gigabit WAN & LAN Ports

MU-MIMO & Beamforming

Whole Home Mesh WiFi

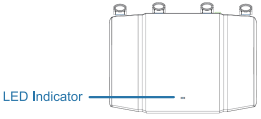
External High-Gain Antennas

- WiFi 5/6/7 High-Performance Mesh Router delivers seamless whole-home coverage with stable high-speed connectivity. Powered by advanced Mesh networking technology, it eliminates dead zones and ensures smooth roaming for all devices. Ideal for smart homes, offices, and high-density environments, it supports ultra-fast wireless speeds, low latency, and reliable multi-device connections.

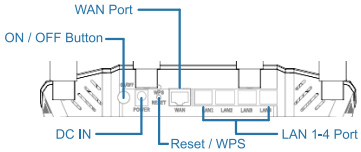
Model List

Model Name	HYU-NE-SW-WRI1800MB001
Picture	
Wireless Standards	Dual-band; IEEE 802.11ax (Wi-Fi 6)
Frequency Band	2.4GHz: 2.4GHz ~ 2.484GHz; 5GHz: 5.150GHz ~ 5.850GHz
Signal Rate	5GHz: Up to 1201Mbps 2.4GHz: Up to 574Mbps
Antenna	External Omnidirectional Antennas 4×5dBi
Network Interface	1×10/100/1000Mbps WAN Port; 4×10/100/1000Mbps LAN Ports
Button	1 WPS button; 1 Reset button
Power Supply	12V/1A
Operating System	Linux / OpenWrt
Supported Languages	English / Chinese / Spanish / Russian
Basic Functions	Internet Setup; Wireless Settings; Multiple SSID; DHCP Server; Backup & Restore; Firmware Upgrade; Factory Reset
Advanced Functions	Smart QoS; DDNS; IPv6; MU-MIMO; TX Beamforming; IPTV support, UPnP, port forwarding, and easy device management
Wireless Security	OPEN, WPA/WPA2-PSK (TKIP/AES), WPA3-PSK (AES); MAC Filtering;
Maximum Wireless Clients	128 users
Operating Modes	Router / AP / Fat / Thin / Gateway / Relay
Status LED	Red & Green
Operating TEMP/ Humidity	-10°C ~ 50°C; 5%~90% RH (non-condensing)
Storage TEMP/ Humidity	-40°C ~ 70°C; 5%~95% RH (non-condensing)

Interface Overview

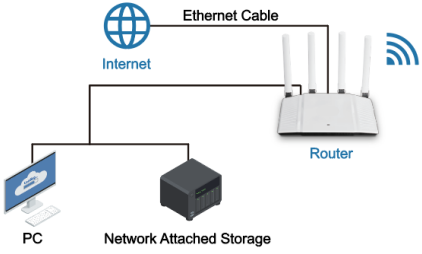


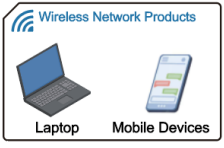
Top



Back

Connection Example





LED Indicator	Color	Function
Power LED	-	On: Indicates normal power supply. Off: Indicates abnormal power supply.
WAN LED	Red	Indicates no Internet cable is connected.
	Green	Indicates the network is connected.
WPS LED	Red	Blinking: Indicates WPS is connecting.
	Green	Not blinking: Indicates WPS connection failed.
Reset Button	Press and hold for 5–8 seconds to restore factory settings. The LED will blink red, then turn solid green, indicating that the reset is successful.	

Network Configuration

Step 1: Power on the router after connecting the cables. The startup process takes about 2–3 minutes. When the system LED turns solid green, the router is ready and can be searched by computer or mobile phone.

- The Wi-Fi network name will appear as EWXXXX_2.4G or EWXXXX_5G (the name may vary depending on the model).



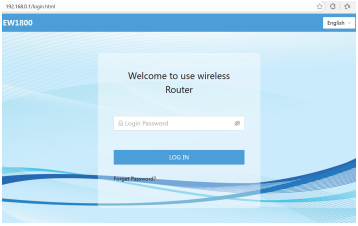
Step 2: Connect to the Wi-Fi using the default password shown on the label of the device.

- For example, the EW1800 does not require a Wi-Fi password by default, while the EW3000 uses “12345678” as the default Wi-Fi password.

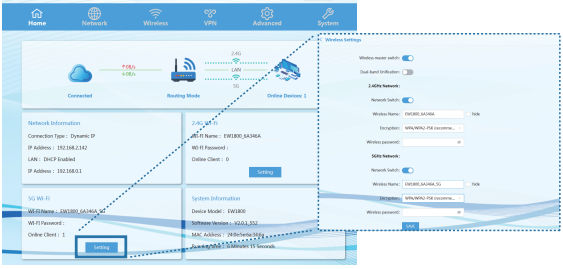
Network Configuration

Step 3: Open a web browser and enter the IP address 192.168.0.1 to access the management interface.

- Login account: admin
- Password: admin

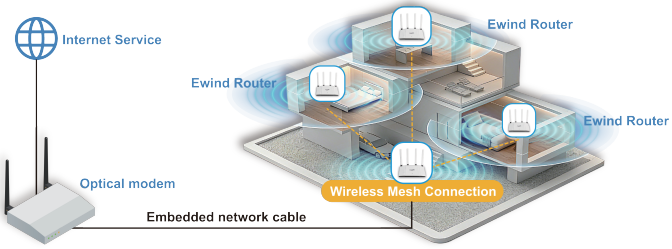


Step 4: After logging in, set a new WiFi password or rename your network as needed.



Step 5: Simple connection is complete. To explore more features, please browse the main and submenus.

Application Scenarios



HYUNDAI
ELECTRONICS

GENUINE PRODUCT OF
HYUNDAI CORPORATION

For Inquiries, Please Contact:

Security Shop
Vladimira Nazora 1
11077 Novi Beograd, Serbia
Tel: +381 11 318 68 68
office@securityshop.rs

Imported/Distributed by Security Shop doo
Licensed by Hyundai Corporation Holdings, Korea
Delivery and After Service shall only be covered within Serbia