DS-3WRM18X/2
AX1800 Mesh Wi-Fi System

- AX1800 Dual-band WiFi6 wireless router
- Dual Band in One and 5G First
- Roaming Support
- Hikvision Mesh Supported
- APP Management

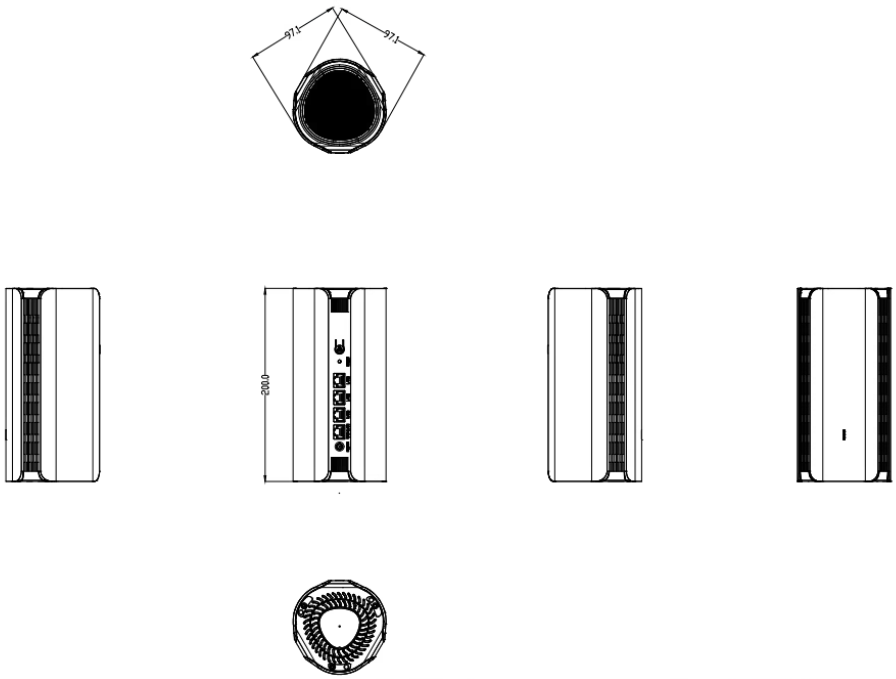
▪ Specification

General	
Product Dimensions (W × H × D)	97.07mm × 96.51mm × 200.0mm
Package Dimensions (W × H × D)	118*118*260mm
Net Weight	1.066 kg
Packing List	1800Mbps Wi-Fi6 Router x 2 Power Supply Adaptor × 2 CAT5e Network Cable × 2 Quick Start Guide × 1 Regulatory Compliance and Safety Information × 1 Product Flyer×1
Packing Method	2 pack
Working Temperature	0 ℃ to 40 ℃ (32 ℉ to 104 ℉)
Working Humidity	10% to 90% RH non-condensing
Storage Temperature	5% to 95% RH non-condensing
Storage Humidity	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉)
Installation Mode	Desk-Mounted
Max. Power Consumption	≤16 W
Gross Weight	1.552 kg
Wireless Parameter	
Wireless Standard	IEEE 802.11a/n/ac/ax @5GHz IEEE 802.11b/g/n/ax @2.4GHz
Working Frequency Band	2.4GHz:2.4 ~ 2.4835GHz 5.1GHz:5.15 ~ 5.35GHz 5.8GHz:5.725 ~ 5.85GHz
Transmitting Power	CE: < 20dBm(2.4GHz) < 23dBm(5GHz)
Receiving Sensitivity	2.4GHz： -91dBm@11ax_40M---MCS0 -61dBm@11ax_40M---MCS11 5GHz： -86dBm@11ac_80M---MCS0 -56dBm@11ax_80M---MCS11
Antenna	5 high gain antennas
Wireless Range	Up to 3012 ft²/280 m² (Recommend coverage for home use, actual Wi-Fi range varies depending on the layout and wall materials)
Max. Connections	512
Recommended Connections	1 pack：60 2 pack：120

Wireless Features	Dual Band Supported,MU-MIMO Supported,Beamforming Supported,OFDMA Supported
Antenna Gain	2.4G:5 dBi 5G:5 dBi
Max. Wi-Fi Speed	≤ 1800 Mbps 5GHz: 1201Mbps 2.4GHz: 574Mbps
Hardware Parameter	
Network Interface	4 × 10/100/1000M Mbps WAN/LAN Port
LED Indicator	Red/blue/yellow for different working states, flashing mode
Power Supply Method	Power Supply Adapter
Power Specifications	DC 12 V, 1.5 A
Button	Reset button, WPS/MESH Button
RAM	256MB DDR3
ROM	128MB (1G) NAND
Software Function	
Security Mode	WPA2-PSK,WPA/WPA2-PSK,WPA2-PSK/WPA3-SAE supported
Security Mechanism	Support fast and secure WPS connection Support hiding wireless network name Support controlling terminal network connection Support firewalls Login Authentication VPN Port Mapping DMZ UPNP
Management Method	Web Control: PC, mobile App Control: HPP, HC TR069(TR098/TR181)
Upgrade	Web Upgarde App Cloud Upgrade Auto Upgrade
System Log	System log
Operating Mode	Router Mode Access Point Mode Wireless Extender Mode
WAN Mode	DHCP Static IP PPPOE
IP Version	IPv4 IPv6
Parental Control	URL Filtering Time Controls Wi-FI Schedule Custom Pfofiles
Firewall	Forbid UDP flood attack,Forbid TCP SYNC flood attack,Forbid ICMP flood attack

DDNS	Oray、NO-IP（https://www.noip.com/）、DynDNS（https://account.dyn.com）
VPN	PPTP Server,L2TP Server,OpenVPN Server,PPTP Client,L2TP Client,OpenVPN Client
NAT Forwarding	Port Forwarding DMZ UPnP
Others	VLAN/IPTV,IGMP,WAN Self-Adaption,Quick Diagnosis,WIFI Optimization,Ping/Tracert
MESH	Hikvision Mesh
Roaming	802.11k/v
DHCP	DHCP Client List DHCP Server

▪ Dimension



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