

**DS-3WRM12C**  
**AC1200 Mesh Wi-Fi System**



- AC1200M Dual-band WiFi5 wireless router
- APP Management
- Dual Band in One and 5G First
- Roaming Support
- Hikvision Mesh Supported

## ▪ Specification

| General                        |                                                                                                                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Dimensions (W × H × D) | 97.58mmx96.26mmx155.19mm                                                                                                                                                          |
| Package Dimensions (W × H × D) | 118mmx118mmx215mm                                                                                                                                                                 |
| Net Weight                     | 0.369kg                                                                                                                                                                           |
| Gross Weight                   | 0.622kg                                                                                                                                                                           |
| Packing List                   | 1200Mbps Wi-Fi5 Router x 1<br>Power Supply Adaptor x 1<br>CAT5e Network Cable x 1<br>Quick Start Guide x 1<br>Regulatory Compliance and Safety Information x1<br>Product Flyer x1 |
| Packing Method                 | Single pack                                                                                                                                                                       |
| Working Temperature            | 0 °C to 40 °C (32 °F to 104 °F )                                                                                                                                                  |
| Working Humidity               | 10% to 90% RH non-condensing                                                                                                                                                      |
| Storage Temperature            | -40 °C to 70 °C (-40 °F to 158 °F )                                                                                                                                               |
| Storage Humidity               | 5% to 95% RH non-condensing                                                                                                                                                       |
| Installation Mode              | Desk-Mounted                                                                                                                                                                      |
| Wireless Parameter             |                                                                                                                                                                                   |
| Wireless Standard              | IEEE 802.11a/n/ac @5GHz<br>IEEE 802.11b/g/n @2.4GHz                                                                                                                               |
| Working Frequency Band         | 2.4 GHz , 5 GHz                                                                                                                                                                   |
| Wireless Range                 | up to 1300 ft <sup>2</sup> /120m <sup>2</sup> ( Recommend coverage for home use, actual Wi-Fi range varies depending on the layout and wall materials )                           |
| Max. Connections               | 128                                                                                                                                                                               |
| Recommended Connections        | 30                                                                                                                                                                                |
| Transmitting Power             | CE :<br><br>< 20 dBm(2.4GHz)<br><br>< 23 dBm(5GHz)                                                                                                                                |
| Wireless Features              | Dual Band Supported                                                                                                                                                               |
| Antenna                        | 4 high gain antennas                                                                                                                                                              |
| Antenna Gain                   | 5 dBi                                                                                                                                                                             |
| Receiving Sensitivity          | 5GHz:<br>-88.5dBm@11AC80-MCS0<br>-63.5dBm@11AC80-MCS9<br>2.4GHz:<br>-90dBm@HT40-MCS0<br>-71dBm@HT40-MCS7                                                                          |
| Max. Wi-Fi Speed               | ≤ 1200 Mbps<br>5GHz: 866Mbps<br>2.4GHz: 300Mbps                                                                                                                                   |
| Hardware Parameter             |                                                                                                                                                                                   |
| Network Interface              | 1 × 10/100 Mbps WAN Port<br>2 × 10/100 Mbps LAN Ports                                                                                                                             |

|                          |                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED Indicator            | Red/blue /yellow for different working states, flashing mode                                                                                                                   |
| Button                   | Reset button, WPS/MESH Button                                                                                                                                                  |
| RAM                      | 128MB DDR2                                                                                                                                                                     |
| ROM                      | 128MB NAND                                                                                                                                                                     |
| Power Supply Method      | Power Supply Adapter                                                                                                                                                           |
| Power Specifications     | DC 12 V, 1 A                                                                                                                                                                   |
| Max. Power Consumption   | ≤9 W                                                                                                                                                                           |
| <b>Software Function</b> |                                                                                                                                                                                |
| Operating Mode           | Router Mode<br>Wireless Extender Mode<br>Access Point Mode                                                                                                                     |
| WAN Mode                 | DHCP<br>Static IP<br>PPPOE                                                                                                                                                     |
| DHCP                     | DHCP Client List<br>DHCP Server                                                                                                                                                |
| IP Version               | IPv4<br>IPv6                                                                                                                                                                   |
| Parental Control         | Speed Limit,Internet Access Period,Filter URL,Parental Control,Custom Profiles                                                                                                 |
| Firewall                 | Forbid TCP SYNC flood attack<br>Forbid ICMP flood attack                                                                                                                       |
| DDNS                     | Oray, No-IP,DynDNS                                                                                                                                                             |
| VPN                      | PPTP Server,L2TP Server,PPTP Client,L2TP Client,OpenVPN Server,OpenVPN Client                                                                                                  |
| NAT Forwarding           | Port Mapping<br>DMZ<br>UPnP                                                                                                                                                    |
| Others                   | VLAN/IPTV,IGMP,Quick Diagnosis,WIFI Optimization,Ping/Tracert                                                                                                                  |
| MESH                     | Hikvision Mesh                                                                                                                                                                 |
| Security Mode            | WPA2-PSK,WPA/WPA2-PSK supported                                                                                                                                                |
| Security Mechanism       | Support fast and secure WPS connection<br>Support hiding wireless network name<br>Support controlling terminal network connection<br>Support firewalls<br>Login Authentication |
| Management Method        | Web Control: PC, mobile<br>App Control: HPP, HC<br>TR069(TR098/TR181)                                                                                                          |
| Upgrade                  | Web Upgarde<br>App Cloud Upgrade<br>Auto Upgrade                                                                                                                               |
| System Log               | System log                                                                                                                                                                     |
| Roaming                  | 802.11k/v                                                                                                                                                                      |

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