# A SMARTER WAY

FOR· YOUR· BROADBAND· LIFE

Huawei VDSL Vectoring Home Gateway DG8045

**Better Experience**

**Faster Access**

POWER  DSL  Internet  WLAN  WPS  LAN1  LAN2  LAN3  LAN4  USB

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**Easier O&M**

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## ● Device Parameters

| | | | |
|---|---|---|---|
| **Dimensions (H x W x D) (without base)** | 110 mm x 150 mm x 31 mm | **System power supply** | 12 V DC, 1 A |
| **Weight** | < 250 g | **Static power consumption** | ≤ 5 W |
| **Operating temperature** | 0°C to 40°C | **Maximum power consumption** | ≤ 12 W |
| **Operating humidity** | 5% RH to 95% RH (non-condensing) | **Ports** | NNI: 1DSL<br>UNI: 4FE+2.4G Wi-Fi+1USB |
| **Power adapter input** | 90–264 V AC, 50–60 Hz | **Indicators** | Power/DSL/Internet/WLAN/WPS/ LAN1– LAN4/USB |

## ● Interface Parameters

| | | | |
|---|---|---|---|
| **DSL Port** | • DSL: G.994.1, G.997.1, G.998.4<br>• ADSL: G.992.1, G.992.2, ANSI T1.413, Issue 2<br>• ADSL2: G.992.3<br>• ADSL2+: G.992.5<br>• VDSL2: G.993.2<br>• VDSL2 profiles for 8a, 8b, 8c, 8d, 12a, 12b, 17a | **WLAN** | • IEEE 802.11 b/g/n (2.4G)<br>• 2T3R smart antennas multiple-input and multiple-output (MIMO)<br>• Antenna gain: 2 dBi<br>• WMM<br>• WPA/WPA2<br>• Multiple SSIDs<br>• WPS 2.0/ WPS mode: PCB/PIN<br>• Air interface rate(theoretical value): 2. 4G: 300 Mbit/s |
| **Ethernet Ports** | • 4 FE LAN ports<br>• MDI/MDIX auto-sensing<br>• MAC address learning | **USB Port** | • 1*USB 2.0<br>• USB storage device<br>• FAT32/FAT/NTFS/Ext2/Ext3<br>• IPP print |

## ● Product Function

| | | | |
|---|---|---|---|
| **Smart interconnection** | • Parental control<br>• Any port any service | **Layer 3 Features** | • PPPoE/PPPoA/Static IP/DHCP<br>• NAT/NAPT<br>• Port forwarding<br>• ALG, UPnP<br>• DDNS/DNS server/DNS client/DNS Relay<br>• IPv6/IPv4 dual stack, and DS-Lite<br>• Static/Default routes |
| **Multicast** | • IGMP v2/v3 proxy /snooping<br>• MLD v1/v2 snooping | | |
| **Security** | • SPI firewall<br>• Filtering based on IP/URL addresses | **QoS** | • Upstream rate limitation<br>• Supports automatic priority settings for service flows based on DSCP or 802.1p<br>• SP+WRR |
| **Home network management** | • Visualized home network management<br>• Parent control | **Common O&M** | • Web UI/TR069<br>• Dual-system software backup |

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