

DG8245V Datasheet 01

Huawei Home Gateway DG8245V

Overview

The DG8245V is a high-performance DSL home gateway used in the ultra-broadband copper line solution. It uses the high-performance dual-core chip, supports dual-band Wi-Fi (2 x 2 11n+2 x 2 11ac).

- Faster Access
- Better Experience
- Easier O&M



Device Parameters

Dimensions (H x W x D) (without base)	160mm x 215mm x 41mm	System power supply	12 V DC, 1.5 A
Weight	About 300 g	Static power consumption	< 8W
Operating temperature	0°C to 40°C	Maximum power consumption	≤ 18W
Operating humidity	5% RH to 95% RH (non-	Ports	NNI: 1DSL/1GE

	condensing)		UNI: 2FXS+4GE+2.4G/5G Wi-Fi+1USB 2.0
Power adapter input	100–240 V AC, 50/60 Hz	Indicators	Power/DSL/Internet/WLAN/ WAN/LAN1– LAN4/VoIP/USB

Interface Parameters

DSL port	<ul style="list-style-type: none"> • ADSL G.992.1, G.992.2 • ADSL2 G.992.3 • ADSL2+.992.5 • VDSL2 G.993.2 • VDSL2 profiles for 8a, 8b, 8c, 8d, 12a, 12b, 17a 	WAN port	<ul style="list-style-type: none"> • 1 GE WAN port • MDI/MDIX auto-sensing • Routing and bridging
FXS ports	<ul style="list-style-type: none"> • Two FXS ports • Maximum REN: 4 • G.711A/μ, G.729, and G.722 encoding/decoding • T.30/T.38/G.711 fax mode • DTMF • Emergency calls (with the SIP protocol) 	Ethernet ports	<ul style="list-style-type: none"> • 4 GE LAN ports • MDI/MDIX auto-sensing • MAC address learning
WLAN	<ul style="list-style-type: none"> • IEEE 802.11 b/g/n (2.4G) • IEEE 802.11 a/n/ac (5G) • 2 x 2 MIMO (2.4G), 2 x 2 MIMO (5G) • WMM • WPA/WPA2 • Multiple SSIDs • WPS 2.0 	USB port	<ul style="list-style-type: none"> • 1 USB 2.0 port • USB storage device or 3G/4G Dongle • FAT32/FAT/NTFS • File/Print sharing based on SAMBA • DLNA DMS/UPnP AV (media server)

Product Function


Smart interconnection	<ul style="list-style-type: none"> • Smart Wi-Fi coverage(network consisting of APs and CPE) • Any port any service 	Layer 3 features	<ul style="list-style-type: none"> • PPPoE/PPPoA/Static IP/DHCP • NAT/NAPT • Port forwarding • ALG, UPnP • DDNS/DNS server/DNS client • IPv6/IPv4 dual stack, and DS-Lite • Static/Default routes • Multiple services on one
Multicast	<ul style="list-style-type: none"> • IGMP v2/v3 proxy/snooping • MLD v1/v2 snooping • Multicast services through Wi-Fi 		

			WAN port
Security	<ul style="list-style-type: none"> • SPI firewall • Filtering based on MAC/IP/URL addresses 	QoS	<ul style="list-style-type: none"> • Rate limitation • 802.1p priority • SP+WRR
Home network management	<ul style="list-style-type: none"> • Visualized home network management • User-defined bandwidth allocation • Parental control 	Common O&M	<ul style="list-style-type: none"> • Web UI/TR069 • Dual-system software backup

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