



Difuse DMSBG-300

Enterprise capacity.
High-throughput
networking.
Single appliance.

Overview

The DMSBG-300 is the flagship Difuse hardware appliance, built for enterprise deployments, multi-site networks, and contact centre environments. It delivers 10G WAN connectivity, 5G/LTE failover, and support for up to 500 data users and 2,000 SIP endpoints across five SIP trunks. If your business runs on its network, the DMSBG-300 is built to match that demand.

Feature Set

Every Difuse device ships with the full DifOS feature set. No feature gates.



Full-feature PBX with auto-attendant, call queues, call recording, hot desking, and voicemail transcription



Inbuilt Session Border Controller (SBC) for MS Teams, cloud CC, and PSTN bridging



Visual IVR builder with AI receptionist



Hardware phone support: Yealink, Cisco, Grandstream



WebRTC: browser-based calling, zero install



Stateful firewall with real-time intrusion prevention



GeoIP-based firewall rules



IPsec VPN: IKEv1/IKEv2, AES-256-GCM, multi-vendor interop



WireGuard VPN: ChaCha20 encryption, sub-100ms roaming reconnect



Policy-based routing by domain and subnet



Identity-aware access via AD/LDAP with MFA support



Free DynDNS per device (<host>.difusedns.com)



SIP trunk compatible: STC, Du, e& (Etisalat), Jio, Airtel, BSNL, Twilio, and more

Licensed Features & Subscriptions

The following features require separate licensing or subscription to unlock their full potential:



Softphone support: Windows, Mac, iOS, Android (per-user license required)



Deep packet inspection and application filtering (DifGuard subscription required for signature and filter updates)



Web content filtering with daily-updated category feeds (DifGuard subscription required for updates)

Technical Specifications

PARAMETER	SPECIFICATION
Data Users	Up to 500
SIP Endpoints	2000
SIP Trunks	5* (expandable with licensing)
WAN	1x 10G SFP+/RJ45
LAN	4x 2.5G + 1x 10G
5G/LTE Failover	Yes
Hypervisors	N/A
Bare Metal Install	N/A
Operating System	DifOS 3.0

All hardware models include a **1-year warranty extendable to 3 years**. One year signature updates included. Can be renewed for one or three years.

*(Additional SIP trunks available at extra charge. Contact us for licensing options.)

Contact

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