



Difuse DMSBG-50

The complete
business network.
Compact form,
no compromises.

Overview

The DMSBG-50 is the entry point to the Difuse platform. It consolidates PBX telephony, firewall, VPN, and network services into a single compact appliance designed for small businesses and branch offices. It handles up to 30 data users and 100 SIP endpoints with one SIP trunk, giving growing teams everything they need without the complexity of managing multiple devices.

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



Softphone support: Windows, Mac, iOS, Android (separate licence required)



Hardware phone support: Yealink, Cisco, Grandstream, Fanvil Etc.



WebRTC: browser-based calling, zero install



Stateful firewall with real-time intrusion prevention



GeolP-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 30
SIP Endpoints	100
SIP Trunks	1* (expandable with licensing)
WAN	1x Gigabit Ethernet
LAN	4x Gigabit Ethernet
5G/LTE Failover	No
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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