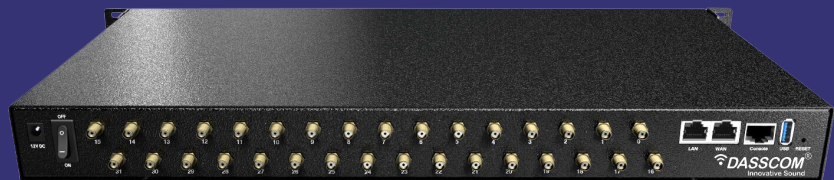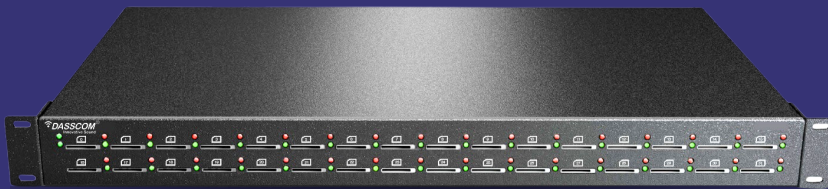# DXG Series GSM Gateway

The Dasscom DXG series Gateways are purpose-built to perform essential VoLTE GSM. This series is designed on top of the robust VoIP Platforms. As VoIP requirements continue to evolve the processing and I/O requirements for various network devices will also evolve. To meet the demands of ever-changing scalability requirements, the Dasscom Gateways leverage the reliability of in-house built DiOS which is custom-built for Telephony Applications.

01 WIRELESS NETWORKS
CONNECT ANY SOFTSWITCH / IP PBX TO 2G/3G/4G MOBILE NETWORKS

02 LEAST COST ROUTING
SAVE ON TELEPHONE BILLS WITH LCR

03 SMS
SEND AND RECEIVE SMS VIA WEB INTERFACE WITH SUPPORT FOR BULK SMS

04 SEAMLESS INTEGRATION
HIGHLY COMPATIBLE WITH MAIN STREAM VOIP PLATFORMS

05 EASE OF INSTALLATION
EASY TO CONFIGURE WEB INTERFACE

06 CLOUD CONNECT
CENTRAL MANAGEMENT SYSTEM TO MANAGE MULTIPLE GATEWAYS

- Website: **www.dasscom.com**
- Email: **sales@dasscom.com**
- Address: **Plot No 428, 2nd floor, Patparganj Industrial Area, Delhi-92**

+91 99714 75533
+91 98912 82948

DXG-3200V, DXG-1600V, DXG-800V

DASSCOM®
Innovative Sound

KEY FEATURES

- 4/8/16/32 VoLTE Channels
- SMS Sending and Receiving
- LTE: FDD LTE: B1/B3, TDD LTE: B38/B39/B40/B41, TDSCDMA: B34/B39
- USSD, Open API for SMS/USSD
- BCCH
- Up to 32 Concurrent Calls
- PIN Code Management
- Flexible Dial Rules and Manipulation Rules
- Remote SIM Card Management (Cloud Connect)

SIP CHARACTERS

- SIP V2.0 RFC3261
- SDP RFC2327
- RTP/RTCP RFC3551
- SIP Registration
- SIP Trunk (Peer Mode)
- SIP Trunk Group
- Ring back (Immediately, Alerting)
- Configurable SIP Release Code
- Outbound Proxy
- DTMF Mode: Signal/RFC2833

PHYSICAL INTERFACES

- SIM Card Slot: 4/8/16/32 Channels
- Ethernet Interface: 2*10/100 Mbps RJ45
- Console: 1* RS232 115200bps
- Antennas Connectors: SMA
- LED Indicators: PWR, RUN,
- Signal Strength
- Reset Button
- SIM Card Installation Local

NETWORK PROTOCOL

- IP v4, UDP/TCP, PPPoE, DHCP, FTP/TFTP ARP, RARP, NTP
- VPN PPTP
- Encryption: RC4, MD5 (Coming Soon)
- IP v6 (Coming Soon)
- HTTP, Telnet

PHYSICAL PROPERTIES

- Power Supply: Input:100-240V,50-60Hz Output: DC12V 4.0A
- Power Consumption: DSP62XX: 20w/DSP62XX: 25w
- Temperature (Operation): 0°C - 45°C / (Storage): -20°C - 80°C
- Operation Humidity: 10%-90%
- No Condensation Dimension (W/D/H): 440*200*40mm
- Weight: 4.069kg (32 Port Gateway)
- Package Weight: 5.05kg

MAINTAIN & UPGRADE

- Web Based Configuration
- Telnet Configuration
- Configure Backup/Restore
- Support English
- Firmware upgrade by HTTP/TFTP
- Web Login Password Modify
- Factory Reset
- CDR (15000 Lines CDRs Storage Locally)
- Output CDR via Syslog
- Syslog Ping and Tracer out Test
- Traffic statistics: TCP, UDP, RTP
- VoIP Call Statistics
- PSTN Call statistics: ASR, ACD, PDD
- IVR Customization
- System Logs

VOICE CAPABILITY

- G.711 A/U law, G.723.1, G.729A/B
- Silence Suppression & Detection
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168)
- Adaptive (Dynamic) Jitter Buffer
- Call Progress Tone Generation
- Programmable Gain Control

MAKE IN INDIA

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