



TECHNICAL SPECIFICATIONS



SIMADO GFX44 – Multi-port GSM/3G-FXS Gateway

SIMADO GFX44 is a fixed configuration GSM[#]/3G-FXS voice Gateway. It connects with the existing telephony device vis FXS interface. Up to four SIM cards can be placed inside the SIMADO GFX44 Gateway, allowing a user to make up to four concurrent calls. The calls to mobile numbers are placed via the GSM/3G/4G SIM cards, reducing higher fixed-to-mobile interconnection charges.

Product Variants	
SIMADO GFX44	GSM to Analog Voice Gateway with Four GSM SIM and Four FXS Ports
SIMADO GFX44	3G to Analog Voice Gateway with Four 3G SIM and Four FXS Ports

Parameters	Specifications
Mobile Port	
Frequency Bands	Quad-band GSM850, EGSM900, DCS1800, PCS1900, UMTS850, UMTS900, UMTS1900, UMTS2100, PCS1900 Tri-band WCDMA

	850/1900/2100 MHz or Tri-band WCDMA 900/1900/2100 MHz
SIM Interface	1.8, 3V SIM Interface
Compliance	ETSI GSM Phase2/2+
Antenna	1.8/2.5*dBi, 50, SMA (Male) Connector, Fixed Omni Directional Swivel Antenna 1.8/3.0*dBi, 50, SMA (Male) Connector, Omni Directional with a Cable Three Meters Long

FXS Port	
Connector	RJ11
Dialing and Reception	Pulse and DTMF Dialing (10/20PPS)
CLI Presentation	DTMF and FSK ITU-T V.23 and FSK Bellcore 202A CLI
Call Maturity	Polarity Reversal

Power Supply	
Input	External Power Adaptor 90-265 VAC, 47-63Hz Output: 12VDC@1.25A
Power Consumption	8W (Typical)

Others	
Dimension (W x H x D)	23.1 x 5.5 x 16.2 cm (9.09" x 2.16" x 6.37")
Unit Weight	1.00 kg (2.21 lbs) Approx.
Shipping Weight	1.83 kg (4.03 lbs) Approx.
Mounting Options	Wall Mount and Tabletop

Environmental	
Operating Temperature	0°C to +45°C (32°F to +113°F)
Storage Temperature	-20°C to +70°C (-4°F to +158°F)
Operating Humidity	5-95% RH (Non-condensing)
Storage Humidity	0-95% RH (Non-Condensing) at 40°C

Regulatory Compliances

IEC 60950-1, RoHS, FCC Part15, CE

#: For compatibility and use of Matrix GSM products (2G and 4G) in Russia and Iran province connect with Matrix sales or technical support team

Note: Specifications are subject to change without prior notice

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern organizations. Matrix offers a comprehensive range of solutions for IP Video Surveillance, Access Control, Time-Attendance, and Telecom applications. The solutions are designed to meet the communication and security requirements of large enterprises having offices in multiple locations, SMEs, and SMBs.

As an innovative, technology-driven, and customer-focused organization, Matrix is committed to keeping pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched over 60 cutting-edge products and solutions.

IP Video Surveillance includes solutions like Video Management Systems, Network Video Recorders, and IP Cameras. Likewise, solutions in Access Control and Time-Attendance include Visitor Management Solutions, Elevator Access Control, Panels, Door Controllers, and Readers.

We offer Telecom Solutions such as Unified Communications, IP-PBX, Universal Media Gateways, VoIP and GSM Gateways, and Communication Endpoints. All these solutions are feature-rich, reliable, and conform to international standards.



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