

## VoiSmart SIP/GSM Gateway Rack - 12-32 channels (GW-9550-06-12SIM)



Product Name: VoiSmart SIP/GSM Gateway Rack - 12-32 channels (GW-9550-06-12SIM)

Manufacturer: -

Model Number: GW-9550-06-12SIM

VoiSmart SIP/GSM Gateway Rack Unit - 12-32 channels (GW-0930-02-RACK)

VoiSmart SIP/GSM Gateway Rack Unit is an Asterisk-based IP Gateway which allows you to transform fixed-to-mobile into mobile-to-mobile traffic in the simplest and most efficient way. It's a true "black box", which can be reached as a SIP client/server. It allows multiple simultaneously active GSM channels in a scalable solution that can run from 12 to 32 engines (each slot can host a vGSM 4 engines PCI card).

The VoiSmart Gateways support SIM server functionalities for remote and central storing of any number of Smartcards/SIM.

No extra hardware to be added, no installation effort, no technical skills required: a real plug-and-play device, designed to make your business immediately running. You can see it as a standard SIP client/server, and integration is done. LCR and smart routing of incoming calls are immediately available, as well as all its powerful features.

A Professional Solution for Professional use

Powerful and versatile, think of it as a pure node in the network. VoiSmart SIP/GSM gateway is the building brick on which you will rely to implement high profile solutions, as well as the next door to the world of message communication.

A perfect match for Asterisk architectures, ready to be integrated in non-Asterisk environment as well.

Main Features

- SIP / IAX supported
- All in one: no extra hardware or software required
- Easy to integrate
- Easy to install
- Simultaneous operation on multiple channels (12 to 32)
- SIM Server support for remote storage and management
- Open Source based (Asterisk)
- Full Least Cost Routing support
- Incoming calls routing
- Echo cancellation on GSM engines
- High efficiency thanks to multiple channels operation
- Compact fanless design

GSM features

- Codecs: G.711 PCM at 64 kbps, G.729/Annex A CS-ACELP at 8 kbps, G.723.1 (optional) MP-MLQ/ACELP at 6.3/5.3 kbps
- Compatible with European, US, Brazil and Japan GSM networks (900/1800/1900 MHz and 850/1800/1900nMHz)
- Up to 4 SIMs, multiprovider
- External interface: 4 SMA/F 50 Ohm antenna connectors
- SMS: supports MT, MO, CB, text and PDU
- SIM: supports SIM card (3V)
- IRQ level requests: allocated by PCI BIOS
- IO base address (hex): allocated by PCI BIOS
- PCM: a-law or u-law (selectable)
- Protocols: TCP, UDP, IP, RTP, SSH, Web
- SIM: supports SIM card (3V)

## VoiSmart SIP/GSM Gateway Rack - 12-32 channels (GW-9550-06-12SIM)

• GSM engines: Siemens MC55, Siemens MC56  
• LCR (Least Cost Routing) also in AutoCLIP mode  
• DISA with voice navigation, user configurable messages for incoming calls  
• Administration: through SSH/Web  
• Interfaces: LAN 10/100 Base-T, RJ45, RS232 SIM

### Physical Data

• 110 ~ 240V CA  
• Dimensions: 19 inch Rack mounted, 4U standard  
• Weight: 10 Kg  
• Temperature: from 0 to 40°C  
• Humidity: from 10 to 95%, noncondensing

### Configurations

12 channels: GW-0930-02-RACK + 3 BD-1100-01-4SIM (3 vGSM 4 channels card) 16 channels:  
GW-0930-02-RACK + 4 BD-1100-01-4SIM (4 vGSM 4 channels card) 20 channels:  
GW-0930-02-RACK + 5 BD-1100-01-4SIM (5 vGSM 4 channels card) 24 channels:  
GW-0930-02-RACK + 6 BD-1100-01-4SIM (6 vGSM 4 channels card) 28 channels:  
GW-0930-02-RACK + 7 BD-1100-01-4SIM (7 vGSM 4 channels card) 32 channels:  
GW-0930-02-RACK + 8 BD-1100-01-4SIM (8 vGSM 4 channels card)

**Price: £6,331.00**

Options available for VoiSmart SIP/GSM Gateway Rack - 12-32 channels (GW-9550-06-12SIM) :

### SIM Upgrades

- Not Required -, Gateway SIP/GSM VoiSmart RACK (24 SIM modules) (+£3,150.00), Gateway SIP/GSM VoiSmart RACK (16 SIM modules) (+£1,050.00), Gateway SIP/GSM VoiSmart RACK (28 SIM modules) (+£4,200.00), Gateway SIP/GSM VoiSmart RACK (20 SIM modules) (+£2,100.00), Gateway SIP/GSM VoiSmart RACK (32 SIM modules) (+£5,240.00).