



ELGATO Communications is a European company specialized on development and manufacturing of telecommunication equipment

We offer:

- Multichannel GSM-gateways (E1/PRI, SIP, H.323. 4-32 channels, 19" rack-mountable, height 1U & 4U)
- SIM-Server
- SIM-Bank (200 SIM cards)
- 8-channel GSM-card ISA/PCI series (100% Linux/Asterisk compatible)
- GPS/GSM alarm/tracking device
- Power GSM-switch (with 6 power outlets for 220 V, on/off control by SMS)

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SMS-Server



Technical specification

PRODUCT NAME:	SMS-Server
CONSTRUCTION	19" rack-mountable with cooling fans, 4 slots available for plug-in boards
INTERFACES/PROTOCOLS	
GSM	
GSM channels	From 4 to 16 (step 4)
Network types	100% compatible with EU and US GSM networks (900/1800/1900 MHz) and with Brazil and Japan networks.
GSM engine	SimCom 300DZ
Transmitter power	2 W (1 W)
SIM card	Small plug-in, 3V
Antenna connector	SMA (female) Impedance 50 Ω
Mobile networks card:	4 GSM (900/1800/1900 MHz) or 4 UMTS (2100 MHz) modules per board. 1 SIM card per each module or unlimited SIM cards per channel with external SIM-bank.
SMS-protocol	
Support for existing and custom SMS-protocol	Custom SMS-protocol developed by our company and can be disclosed to client in order to develop custom applications for sending/receiving SMS.
WEB-interface	Receiving and sending SMS via web-form. Supports Flash-SMS sending.
Equipment	
Processor card:	One Ethernet 10/100-Base T port, Two USB-ports, One COM(RS 232) port
External antenna splitter for 8 channels (optional)	
Input-output insertion loss	8–15 db
Input connector	SMA (female) Impedance 50 Ω
Output connector	SMA (female), impedance 50 Ω
Antenna	
Directed	High gain YAGI connected by coaxial cable, length:10m or longer (optional)
Discreet	Small discreet antennas with magnet base
MAINS	
CPU	Atmel ARM 9
OS	Linux
RAM	128 Mb
Storage device	4 Gb USB-flash (USB 2.0)
Power supply	100–240V / 50–60 Hz
Local control	LCD-panel
Remote control	TCP/IP (Telnet protocol): SSH via internal interface IP/Ethernet: 10/100 Base-T, RJ-45
OTHERS	
Dimensions	490 x 50 x 220 mm
Weight	est.5 kg (depending on number of channel-boards)
Operating temperature	10–50 °C
Relative humidity	Max 95 % at 40 °C
Recommended	Air condition, UPS, grounding

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