SMG3000-C1LS
Mini Size E1/T1 VoIP Gateway

● Support 1 E1(T1 Optional) in Mini Size
● Support SIP and ISDN/R2/CAS and More
● Superior Voice Quality and Reliability in FullLoad
● Only 30mm*190mm *120mm(High*Wide*Deep)

The Synway SMG3000-C1LS, with mini size for better space and shipment efficiency, are new members of Synway's VoIP gateway family that enables service providers and enterprises to maximize value of their networks and services. It converts digital E1/T1 PSTN message into IP formats and secures sessions across IP and mixed network boundaries to support the seamless delivery of services.

SMG3000-C1LS are unparalleledly cost effective and compliant with PRI ISDN, and R2, and adopt the equivalent hardware architecture like Synway's Telco' grade SMG3000 series, with dedicated DSP chipsets for processing IP/TDM signaling and optimizing voice quality. Compared with rival products, SMG3000 features high reliability and unmatched cost, and delivers a perfect alternative option for enterprises, operators and system integrators.

VoIP | ISDN | IP2Tel Tel2IP Route | Redundancy | NAT

Cloud | VLAN | Live call Bargain | VPN | QoS

Key Features and Benefits

● Flexible Scalability
30 simultaneous SIP sessions with multimedia transcoding provides high performance in a small footprint to help lower ownership cost and operational cost; a broad range of gateway toolkits help gateway's maintenance and software upgrading for Web UI, gateway services and firmware.

● Flexible and efficient GatewaySolution
Provide a clear migration path to an all-IP network. It can support 30 simultaneous IP sessions and at the same time provide media transcoding and impressive sessions per second performance; Support SS7 signaling, call routing, call automated failover from IP to TDM for outbound routing.

● Any-to-Any Signaling and Transcoding
Provide any-to-any network connectivity through its ability to interwork multiple protocols to deliver services. It can provide interworking between SS1, R2, ISDN, SIP formats and any-to-any media transcoding for popular voice codecs, T.38 and G.711 fax interworking, RTP, INBAND and SIPINFO.

● User-Friendly Management & Toolkits
The Web graphical user interface (WebUI) is a real-time web toolkits to configure and monitor and perform real-time monitoring and maintenance. Flexible SIP and Protocols configuration help to configure SIP, SIP trunking,SIP Mediation, PCM and ISDN, Routing and more.

● Combined All Features on A Single Platform
Integrated multimedia gateway features facilitate TDM and IP interworking to provide service delivery flexibility and automated failover between domains.

● Integrated Transcoding for Voice, Tone and Faxing
Eliminates the need to add separate hardware to support transcoding requirements helping to reduce CAPEX and number of platforms deployed, and support a range of Codecs, including G.723, G.729, G.711, iLBC, SIPINFO, RFC2833, RF3261, INBOUND and more.

Features / Model	SMG3000-C1LS
Sessions	30
Routing Features	Call routing and translation (from PCM to IP or reversely)
IP Interfaces	Dual redundant 2 *Gigabit Ethernet for VoIP payload and signaling
IP protocols	TCP/UDP, HTTP, ARP/RARP, DNS, NTP, TFTP, TELNET, STUN, etc.
Coder support	G.711A,G.711U, G.729
Power Supply	Single
TDM Signaling Protocols	ISDN PRI/MF R2
Power Requirements	12V DC
Mounting	Desktop
Compatibility	Interoperable with most IP-PBX and UC Platform, and field-proven by SMB and Carriers Worldwide
Dimensions H*W*D(mm)	30*190*120
Environment	Operating temperature range :0 to +55 °C, 8-90% relative humidity non-condensing Storage temperature range:-20 to +85 °C, 8-90% relative humidity non-condensing
Routing	Call Routing and translation (PCM$\leftrightarrow$IP)
Safety	Compliant with most international standards, please ask Synway or its sales representatives worldwide. Synway would comply all new safety standard to for different regions around the world while needed.
EMC/EMI	Compliant with most international standards. For compliance documents, please contact Synway's sales representatives.
OAM&P	Network Time Protocol(NTP) Web User interface (WebUI) supports configuration via browser SNMP MIBs
Dedicated DSP-Empowered Capability	Telecom-style DSP algorithm has been optimized for over decades, assuring seamless compliance with any network environment. Plentiful DSP resources are allocated for signaling, media processing, bandwidth optimization, Telco redundancy
Highly Adjustable For Diverse SoftSwitch	Homegrown core technologies to assure seamless compliance with diverse softswitch platform Including Mitel, Avaya, Broadsoft, Yate, OpenSIP, Asterisk, VECTRA, VSC, SIPPULSE, Tropico, FreeSwitch and more other softswitch