



Synway SMG3064 64E1/T1 Gateway

The Synway SMG3064 is a new member of Synway's gateway family that helps service providers and carriers to increase the value of their networks and services by providing a more effective way to join and offer large-scalability services. To facilitate smooth service delivery, the SMG3064 translates digital PSTN messages into IP formats and connects and secures sessions across IP and mixed network boundaries. The SMG3064 connects IP and hybrid networks via telephony and Fiber Optical/Ethernet links in a compact 1U form factor appliance. It also transforms media and signaling to support efficient and reliable voice, fax, and multimedia sessions for mobile, fixed, and cloud-based applications. The convergence of IP multimedia and TDM gateway functionality in a single chassis in the SMG



offers significant reductions in investment and operational costs compared to less integrated alternatives. rs looking to improve their deployments in harsh network settings.

Features

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| <ul style="list-style-type: none"> ◆ Compact 1U form factor for 64E1/T1-SIP ◆ Compliant With SS7/ISDN Globally ◆ Telco-Grade Reliability and Voice Quality ◆ Coder support: G.711A,G.711U, G.729 A/B, G.722, G.723, GSM, iLBC, RFC 2833,RF 3261,SIPINFO,INBOUND | <ul style="list-style-type: none"> ◆ T.38 real-time fax, T.38 – G.711 interworking ◆ Hosted NAT ◆ Core SIP Specifications and Notable Extensions ◆ RFC 3261 SIP Basic ◆ RFC 3262 SIP PRACK ◆ RFC 3265 SIP Subscribe/Notify |
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<ul style="list-style-type: none">◆ Compliant with TCP/UDP, HTTP, ARP/RARP, DNS, NTP, TFTP, TELNET, STUN and more IP protocols◆ Echo cancellation: G.168 128 ms tail length◆ Voice activity detection and packet loss concealment◆ Comfort noise generation	<ul style="list-style-type: none">◆ Estimated MTBF per Telcordia Method 1: With Dual Redundant AC or DC Power Supplies◆ Rear I/O Type 1 — T1/E1◆ NO PSTN Interface: 150,000 hours◆ T.38 real-time fax, T.38 – G.711 interworking
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