Created on: Friday 20 September, 2024

Sonus Quintum Tenor AFG200 2FXS VoIP Gateway

Product Name: Sonus Quintum Tenor AFG200 2FXS VoIP Gateway
Manufacturer: -
Model Number: AFG-200

Please Note: This product has been discontinued. Please see the Ribbon Communications Session Border Controllers range for an alternative.

Sonus Quintum Tenor AFG200 Gateway (AFG-200) Entry-Level Gateway
The Sonus Quintum Tenor AFG200 gateway allows small businesses, SOHOs, and branch offices with analog telephony infrastructures the ability to utilise the VoIP network to reduce costs.
Key Features

ï¿½ Telephony Interfaces: 2 x FXS
ï¿½ Auxiliary Ports: 10/100 Ethernet, RS-232, DIAG
ï¿½ Concurrent Calls: up to 2
ï¿½ Protocol Support: DHCP, DNS, H.323, SIP, SNMP, TCP, UDP
ï¿½ SIP Endpoints: up to 40
ï¿½ Chassis Type: 1U form factor
ï¿½ Echo Cancellation: yes

The Sonus Quintum Tenor AFG200 Gateway is the simplest path to smarter, better communications for small offices and branch offices: superior Voice over IP sound quality, reliable security, cost-saving features and full integration with your existing PBXs and analog phones.
Sonus Quintum Tenor AFG200 - Technical Specifications
System Capabilities (per Switch)

ï¿½ Sessions

ï¿½ Up to eight simultaneous VoIP calls
ï¿½ Maximum call rate: 900 calls per hour

ï¿½ Business Continuity/Survivability(for AFM and AFT Series only)

ï¿½ SIP outbound proxy
ï¿½ Supports up to 40 SIP endpoints

ï¿½ AFG-200 = 2 VoIP calls = 2 FXS

Management Capabilities

ï¿½ Operations, Administration & Management

ï¿½ Auto-provisionable
ï¿½ GUI-based Configuration Manager for multiple, remote switches
ï¿½ GUI-based alarm monitoring, call monitoring and CDR (call detail record) monitoring
ï¿½ Remote management via external
ï¿½ Remote Management Session Server
ï¿½ SNMPv2 Agent
ï¿½ Command Line Interface (CLI) configuration via Telnet or RS-232 connection
ï¿½ Call Detail Record (CDR) generation
ï¿½ Authentication

Sonus Quintum Tenor AFG200 2FXS VoIP Gateway

ï¿½ IVR/RADIUS server support for AAA with integrated multilingual IVR+
ï¿½ ANI authentication (Types 1 and 2)

Media Services

ï¿½ Auto codec negotiation: G.711, G.723.1, G.726, G.729a/b
ï¿½ Modem support with G.711
ï¿½ G.168 Echo Cancellation with standard 128 ms tail length
ï¿½ Adaptive Voice Activity Detection (VAD)
ï¿½ Comfort Noise Generation (CNG)
ï¿½ Fax support: Group III at 2.4, 4.8, 7.2, 9.6 and 14.4 Kbps using industry standard T.38 (Super G3 compatible up to 33.6 Kbps)
ï¿½ Automatic call type detection – voice, fax or modem

Signaling

ï¿½ Any-to-any connectivity: SIP<->SIP,SIP<->H.323, H.323<->H.323, TDM<->TDM,SIP<->TDM, H.323<->TDM
ï¿½ Tandem/TDM switching
ï¿½ Support for multiple SIP User Agents(RFC 3261)
ï¿½ SIP supplementary services
ï¿½ DTMF signaling via RFC 2833 or SIP Info
ï¿½ SIP header manipulation: automatic appending and stripping of digits to dialed numbers
ï¿½ Loop Start, Reverse Battery and Battery Disconnect
ï¿½ Coding: A law, I law

Protocol Support

ï¿½ DHCP
ï¿½ DNS
ï¿½ H.323
ï¿½ SIP
ï¿½ SNMP
ï¿½ TCP
ï¿½ UDP

Routing/Policy

ï¿½ Transparent MultiPath Call Routing
ï¿½ Least Cost Routing (via Sonus PSX™ Centralized Routing and Policy Server)
ï¿½ Forced IP routing and IP port mapping
ï¿½ Four types of configurable routing databases: Bypass Directory Numbers, Hunt Local Directory Numbers, Hop-Off Directory Numbers and Static Routes
ï¿½ Multiple dial plan options: public/private dial plan, user-programmable dial plan
ï¿½ Answer and disconnect supervision
ï¿½ Pass-through support for calls to tollfree, local and special service numbers (e.g., emergency services)
ï¿½ Type 1 Caller ID/Name Support(Telcordia, ETSI, NTT and DTMF)
ï¿½ SIP REFER method

Security

ï¿½ NATAccess™ network address translation firewall protection

Sonus Quintum Tenor AFG200 2FXS VoIP Gateway

ï¿½ IP packet filtering
ï¿½ G.168 Echo Cancellation with standard 128 ms tail length
ï¿½ Adaptive Voice Activity Detection (VAD)
ï¿½ Comfort Noise Generation (CNG)
ï¿½ Fax support: Group III at 2.4, 4.8, 7.2, 9.6 and 14.4 Kbps using industry standard T.38 (Super G3 compatible up to 33.6 Kbps)
ï¿½ Automatic call type detection – voice, fax or modem

Quality of Service

ï¿½ Adaptive jitter buffer
ï¿½ Packet loss concealment
ï¿½ IP Type of Service (TOS) and DiffServ support
ï¿½ PacketSaver™ multiplexing technology: Reduces bandwidth consumption up to 57% by combining voice packets from multiple calls into a single packet

Package Features

ï¿½ Qty/CTN: 5 PCS
ï¿½ N.W/CTN: 6.3kg
ï¿½ G.W/CTN: 7.0kg
ï¿½ Giftbox size: 246mm*223mm*120mm
ï¿½ Carton Meas: 627mm*256mm*235mm

Hardware SpecificationsFront Panel

ï¿½ Status Indicators Front Panel LEDs

ï¿½ Operational Status
ï¿½ LAN Link
ï¿½ LAN Activity
ï¿½ Port(s) In Use

Rear Panel

ï¿½ Standard RJ-45 LAN Interface (IEEE 802.3) for 10 BASE-T or 100 BASE-TX connections
ï¿½ Two, four, six or eight standard RJ-11 connectors for analog line/trunk interfaces
ï¿½ RS-232 connector for PC console
ï¿½ DIAG connector for software diagnostics

Chassis

ï¿½ 1U, rack mount
ï¿½ Inches: 8.25 Wide x 2.0 High x 7.0 Deep
ï¿½ Centimeters: 21.0 Wide x 5.1 High x 18.73 Deep

AC Power Option

ï¿½ 100-240 VAC, 50-60 Hz
ï¿½ Max power consumption: 22W

Operating Altitude

Sonus Quintum Tenor AFG200 2FXS VoIP Gateway

ï¿½ 10,000 ft. (3,000 m.)

Weight Maximum Fully Populated

ï¿½ 1.3 lbs. (0.6 kg)

Environmental

ï¿½ 5˚ to 40˚ C operating
ï¿½ -10˚ to 60˚ storage
ï¿½ 20 to 80% non-condensing operating humidity

Industry Standards Support

ï¿½ Telco: FCC Part 68, AS/ACIF S003,CS03, JATE AS/ACIF S002:2001
ï¿½ EMC: FCC Part 15 Class B, EN55022,EN55024, EN61000-2-3, EN61000-3-3,AS/NZS3260
ï¿½ Safety: UL60950, EN60950, AS/NZS60950

Price: £480.00