

AT21201 VOICE COMMUNICATION GATEWAY



AT21201 Voice Communication Gateway (VCG) provides a voice gateway between **VoIP networks, legacy and radio networks**. The VCG enables switching a radio from receive to transmit (PTT function) as well as setting up the basic para-meters of the radio, from an IP phone (channel, operation mode, selective dialing, etc.)

The VCG also provides **VoIP PBX** functions as well as **a gateway to voice networks** using standard analogue and digital voice interfaces.

SERVICES

- VoIP services with support of SIP and H.323 protocols
- Interfaces to and integration of digital and analogue telephone systems
- Automatic access to radio networks
- Monitoring of radio networks via the loudspeaker or the telephone (optional)
- Radio access control via RS-232 or Ethernet interface
- Proprietary radio management SW with broad spectrum of configurable functions and option to be customized to the specific radios of a customer
- Remote GUI based management for a user friendly control of the radio communications and configuration of the VCG
- Configurable interconnection between all voice interfaces
- QoS and IEEE 802.1q support
- SNMP v3 support

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VOICE
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TECHNICAL SPECIFICATION

INTERFACES

- 2 x Ethernet (LAN/WAN, or separation of data and control)
- 1 x E1 (ISDN PRI)
- 1 x ISDN BRI (2B+D)
- 2 x FXS analogue interface
- 2 x FXO analogue interface
- 2 x LB analogue interface
- 4 x radio analogue interface
- 1 x electrical power
- 1 x RS-232 for VCG management

TECHNICAL PARAMETERS

Power Supply: 10-32V DC
Nominal Value: 24V DC
Operating Temperature: -30°C to +55°C
Storage Temperature: -50°C to +70°C
Humidity: 98%
Protection: IP67

STANDARDS

Temperatures/
Vibrations/Shocks: MIL-STD 810F(G)
EMC Emission/Susceptibility: MIL-STD 461E
Climatic Environment: MIL-STD 810C