

## 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 parameters 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

**AT21201**

VOICE  
 COMMUNICATION  
 GATEWAY



**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 810FIG
EMC Emission/Susceptibility: .....	MIL-STD 461E
Climatic Environment: .....	MIL-STD 810C