ANNUNCICOM

100

Network intercom and PA component for commercial, industrial and security applications

Transmits voice, alarm messages, contact closures, pre-recorded announcements and music over the network

For Paging / Intercom communication in residential, commercial and public buildings, e.g. airports, shopping malls and remote facilities such as store chains

Communicates over a standard network connection (10/100 Mbit/s) and supports IP standards such as RTP and SIP, VoIP and MP3 Audio Codecs

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BARIX

Technical Specifications

Audio Formats:

MP3 up to 144 kBit variable bit rate (Mono),
MP3 decoding up to 320 kBit,
G.711 (uLaw/aLaw @ 8 or 24 kHz),
PCM (16 bit @ 8 or 24 kHz)

Discrete Interfaces:

2 discrete Inputs (talk and door buttons),
1 Relay output for doorstrike or buzzer

Audio Interfaces:

Mic In (3.5 mm Jack, 3 pin, with bias power),
Line In (RCA 2 Vpp max), Line Out (RCA,
4.2 Vpp max), Speaker Out (2 Watt @ 4 Ohm),
input and output level software adjustable

Serial Interfaces:

DSub 9 pin male with RS-232 (300..115200 Baud)
and RS-485 (300..115200 Baud)

Network Interface:

RJ45 10/100 Mbit Ethernet (Auto), TCP/IP, UDP,
RTP, SIP, DHCP, SNMP, AutoIP, SonicIP, IPzator,
web server for control and configuration

Misc:

Two status LEDs, reset/factory default button
USB 1.1 interface for memory sticks (FAT16)

Power requirements:

9 to 30 VDC / 12 to 24 VAC, 8 Watt max.
power supply included (250 g)

Case:

Aluminum, 375 g, 4.25" x 1.5" x 4.92"
108 mm x 38 mm x 125 mm

Reliability,environmental conditions:

MTBF: Min. 127'000h acc. to MIL217F at 24 VDC
supply and 40°C ambient temperature
Operating temp.:0 to +50°C / 32 to 104°F,
storage temp.: 0 to +70°C / 32 to 158°F,
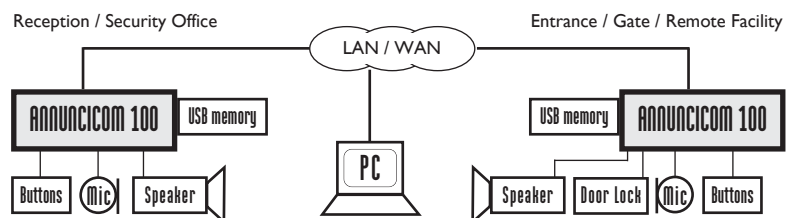both 0 - 70% relative humidity, non-condensing

Certifications:

FCC A, CE A, RoHS compliant (lead free)

Overview

The Barix Annuncicom 100 is a network-based intercom device and an ideal solution for monitoring entrances and providing intercom and alarm functionality in large residential, commercial, public, and military building complexes, including airports, production facilities, shopping malls, and remote facilities.

Barix Annuncicom 100 can work with other Barix Annuncicom 100 devices in a stand-alone configuration or seamlessly interoperate with PCs (using the soundcard), central management and standard IT infrastructure. A SIP compatible firmware is now available for the devices, so the components seamlessly integrate with VoIP phone systems. Door intercom function (call initiation by Annuncicom), single station call from phone, PA, and even PA to groups from standard SIP phones or PBXes is possible.

A two buttons (Talk & Door, Talk & Emergency etc.) and relay output interface is available for talk-back and door entry solutions. Recorded messages and tones can be played from the internal flash memory which can be extended up to 2 GB using a standard USB memory stick. Each device can be configured to directly talk to up to eight other units or to an unlimited amount of units via broadcast or multicast. With an optional wireless connection and power backup, the Barix Annuncicom 100 remains functional even if buildings or homes suffer from severe damage or loose wired network infrastructure and power.

Typical Applications

- Door intercom system
- Paging and audio distribution
- Automatic announcement systems
- Public address, emergency calls, alarms and paging
- Monitor and control communication (in public buildings, airports, manufacturing facilities, and shopping malls)
- VHF radio control via IP application or SIP phone

Barix Annuncicom 100 features fast setup, operation over existing network infrastructure, flexibility, and easy reconfiguration. Using standard TCP/IP protocols, connecting building complexes is simple, requiring no changes to the existing WAN infrastructure. As a result, implementation time and costs are significantly reduced.

For further information, distribution partners, detailed technical specifications and information about other versions and products please visit **www.barix.com**