ANNUNCICOM
200

Network intercom and PA device with PoE support for commercial, industrial and security applications

Transmits voice and high quality audio, alarm messages, contact closures and serial data over the network

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

Communicates over a standard Ethernet network connection (10/100 Mbit/s) using standard protocols such as UDP, TCP, SIP and RTP. Supports VoIP and MP3 audio codecs. Powered locally or by PoE (Power over Ethernet).

BARIX

Technical Specifications

Audio Formats:

MP3 up to 144 kBit variable bit rate (Mono),
MP3 decoding up to 320 kBit, G.711 (uLaw/aLaw)
and PCM at 8..48 kHz sample rates.

Discrete Interfaces:

2 discrete Inputs (talk and door buttons) and
1 Relay output for doorstrike or buzzer
(detachable 6 pin screw block terminal)

Audio Interfaces:

Mic In (3.5 mm Jack, 3 pin, with bias power)
Line In (2 Vpp max), Line Out (4.2 Vpp max),
8 Watt Speaker Out (6 pin screw block terminal)
input and output level software adjustable

Aiphone SUB Interface:

Aiphone sub / door station interface

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 (PoE), 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:

16 to 30 VDC / 16 to 24 VAC on coax and screw
block terminal, 48 VDC (±10%) on 2 pin terminal
labeled "48V" (isolated input), 12 Watt max.
power supply (90 g) included in some versions

Case:

Aluminum, 390 g, 4.25" x 1.5" x 4.92"
108 mm x 38 mm x 125 mm

Operating temperature / humidity:

0 - 40 °Celsius / 32 - 104 Deg. Fahrenheit
0 - 70% relative humidity, non-condensing

Certifications:

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

Overview

The Barix Annuncicom 200 is a network-based intercom device – 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. Using standard IP protocols the device is fully interoperable over LAN and WAN (Internet) connections.
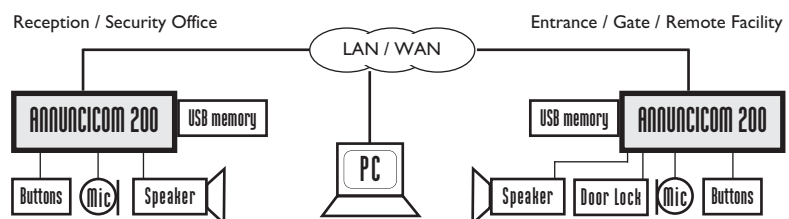
The Annuncicom 200 can operate stand-alone, as part of a group of Barix devices or can be integrated with 3rd party systems (software, PC's, hardware and SIP phone systems) via documented APIs. The open architecture allows you to build centralized management of devices on standard IT infrastructure reducing the life cycle cost of the systems.

A SIP compatible firmware is available to integrate the devices with standard VoIP phone systems for functions such as door intercom, paging gateway, and background music source.

Various software applications exist for the Annuncicom 200 such as stored message player, audio stacker, mp3 recording to local memory and FTP servers. New applications can be developed in BCL (free development tools).

Two contact closure inputs and a relay output provide the necessary I/O for typical applications. Aiphone IE and IF series door and substations can be attached to the built-in SUB interface (see www.aiphone.com for more information). Recorded messages and sounds can be played from internal flash or an attached USB stick.
The Annuncicom 200 can be powered by a PoE switch eliminating the need for a local power source.

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

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