DESCRIPTION:
The IPW-1A provides voice-quality intercom communication and relay activation over standard IP based networks. Designed specifically to integrate seamlessly into a new or existing LAN / WAN infrastructure, the IPW-1A system is capable of supporting hundreds of stations. Providing intercom/paging solutions to a large variety of applications including commercial, industrial, residential, general security, office, and institutional.

The IPW-1A works with Aiphone’s proprietary CommuniCenter software to create a network intercom system. The IPW-1A is compatible with any of the Aiphone IE door stations. The system allows for call-in to the PC via the CommuniCenter software, general communication between the PC and the intercom station, as well as the ability to activate the electric door release.

FEATURES:
- Cost-effective multi-master (PC based) design
- Compatible with IE Series door stations
- Scalable to hundreds of stations / locations
- Works with standard wired and wireless network infrastructure. (LAN/WAN)
- Digital audio recording and playback capability via included software
- Relay output for remote release (N/O or N/C) (the relay can also be configured to trigger when communication is being transmitted to the IPW-1A, communication is being transmitted from the IPW-1A, or the call button on the sub station is pressed)
- External input
IPW-1A
Intercom-Over-IP Adaptor

FEATURE CALL-OUT DEFINITIONS:

[1] Reset switch (reset unit)
[2] RS-232 Serial Port (for firmware recovery)
[4] Sub station connector
[5] Door release relay output & external input
   Door release:
   NO = Normally open contact
   NC = Normally closed contact
   C = Common
   External input:
   IN0 = call button input (simulates door call in)
   Gnd = ground
[7] RJ-45 10/100 Ethernet jack & connection indicator
   LED’s (network connection)
[8] Power input connector

SPECIFICATIONS:

Power Source: 15VAC, PT-1211C (included)
Network Interface: 10/100 Base-T Ethernet (Auto detection) RJ-45
IP Assignment: Static or Dynamic
Hardware Protocols: TCP/IP, UDP, DHCP, SNMP, AutoIP, SonicIP, Ipzator
Transport Bandwidth: ≈128Kbps per active session (normal mode)
                   ≈64Kbps per active session (low bandwidth mode)
Audio Encoding: PCM (raw), G.711 (µLaw)
Audio Sampling: 16bit @ 8kHz (normal mode)
                8bit @ 8kHz (low bandwidth mode)
Output Level: Determined by sub station
Relay contact Rating: 30V AC/DC 1.0A (resistive)
Operating Temp: 32°F to 104°F (0°C to 40°C)
Dimensions: 1-½” H x 4-¼” W x 4-15/16” D