AIPHONE®

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.
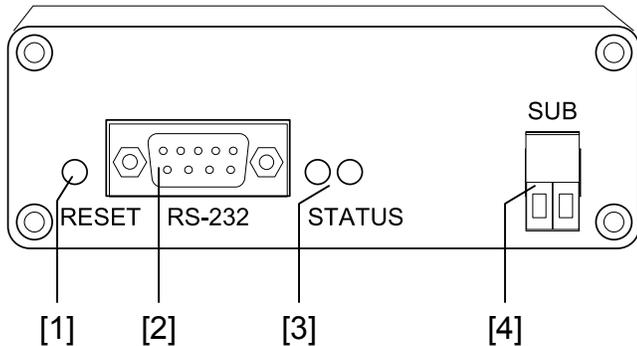
FEATURES:

- 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)
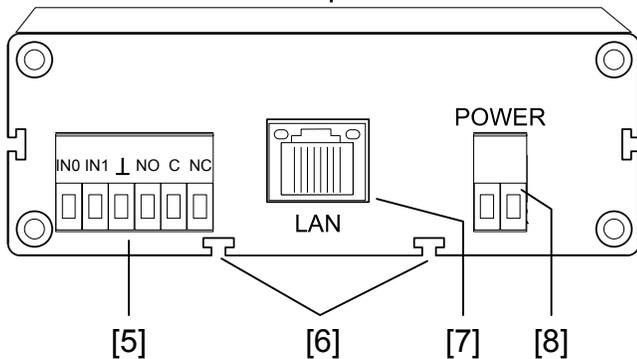
- External input

IPW-1A
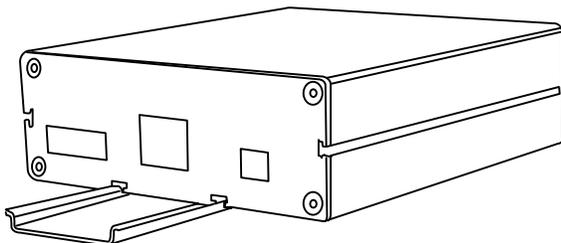## Intercom-Over-IP Adaptor

FEATURE CALL-OUTS:

Front plate

Rear plate

IPW-1A with Mounting Rail

FEATURE CALL-OUT DEFINITIONS:

[1] Reset switch (reset unit)

[2] RS-232 Serial Port (for firmware recovery)

[3] Green and Red Status Lights

[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

[6] Mounting rail slots

[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.7ll (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