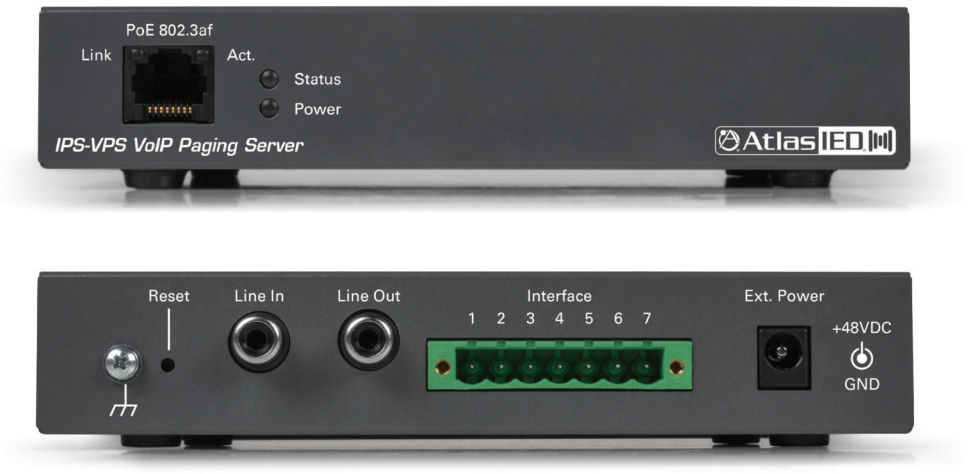
IPS-VPS

VoIP Paging Server



Features

Network Features

- Dynamic or Static IP Address
- IEEE 802.3 10/100Base-T Ethernet
- IEEE 802.1q Tagging
- IEEE 802.3af Compliant
- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- SIP RFC 3261 Compatible

Audio Codec Support

- G.711 u-law / a-law (16 kbit/s)
- G.722 Wideband Audio (64 kbit/s)
- G.729 Narrow-band Audio (8 kbit/s)

Autoprovisioning

- HTTPS, HTTP or TFTP

Static Configuration

- HTTP command interface
- HTTPS or HTTP web-based configuration. HTTPS is enabled by default.

Audio Features

- Aux Audio Line-In RCA Unbalanced (2.8Vpp 10K) for background Music
- Aux Audio Line-In to Multicast
- Aux Audio Line-Out RCA Unbalanced (2.8Vpp 10K)
- Page Port Output Balanced (5Vpp 600 Ohm)

Additional Features

- Supports up to 100 Multicast groups
- 1 General Purpose input
- 1 Relay Output (1 Amp @ 30 VDC)
- Can send multicast to IP Endpoints
- DTMF pass-through
- Support for Cisco SRST resiliency
- Loud/Night Ringer function - second SIP extension
- External Power Supply Option (48VDC power supply)

General Description

AtlasIED IPS-VPS is a VoIP paging server that is perfect for creating a group paging solution through multicast transmission for any combination of registered multicast enabled IP endpoint devices and includes line level outputs for analog overhead systems in environments where the SIP servers or VoIP communications managers may not support paging groups or where 3rd party notification applications are not required.

Applications

AtlasIED IPS-VPS VoIP paging server can register as a SIP device directly to a SIP server or VoIP communications manager using a single SIP phone extension or SIP line and uses DTMF control for selecting zone groups and/or relay activation all while leveraging the WAN/LAN network architecture.

The caller can select either a live or delayed page with call buffering by dialing its corresponding page number. Once the page number is dialed, the IPS-VPS will broadcast the page using a specified multicast address allowing supported and configured multicast enabled IP phones and IP audio devices to listen in on that multicast audio stream. The IPS-VPS analog outputs can be set to join configured paging groups so that analog system designated to receive paging can be included. The relay can also be configured to close when a page is made and/or through the analog outputs. Voice prompting, password-controlled zone protection, paging prioritization and security code protection to prevent unwanted SIP calls can be enabled.

The IPS-VPS allows the user to upload and store 25 unique audio files that can be played through paging groups or used in up to 250 scheduled events. Ring and alert tones can be enabled with option to be included with a stored audio file that can be sent to each of the 100 multicast page groups. Events can also be configured for device health and status monitoring

The general purpose input can be configured so that when closed a stored audio file will play out of the line-out connection and/or place a SIP call to a pre-determined extension and play that file.

Ideal for Corporate Applications, Education Institutions, Entertainment Complexes, Industrial Facilities, Government Buildings, Healthcare Facilities, Houses of Worship, Transportation Hubs; anywhere the need for critical alerts/public address exists and a single enterprise-class communications platform is preferred.

IPS-VPS

VoIP Paging Server

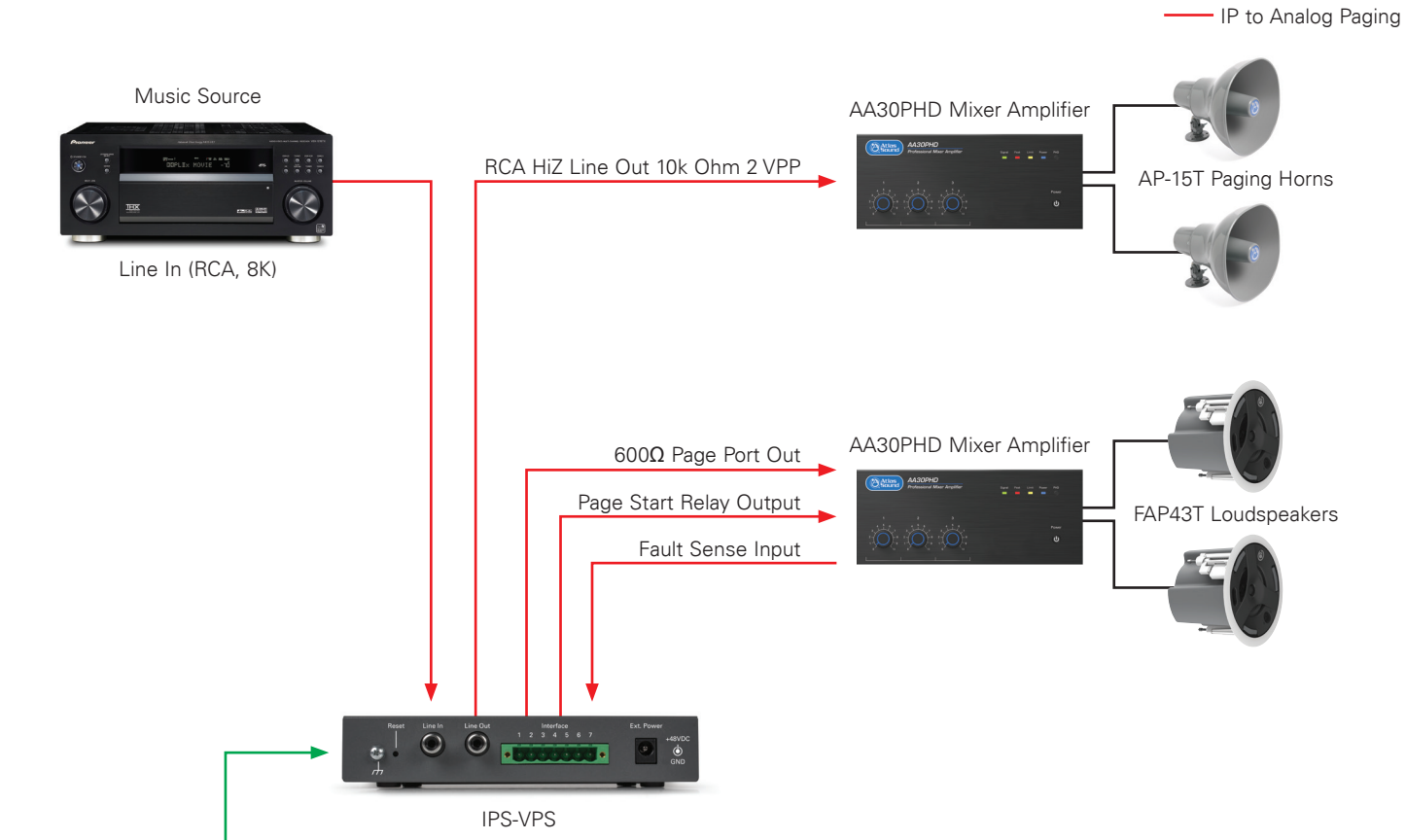
Specifications	
Type	PoE SIP / Multicast Paging Server
Indicators	Network Status
General Purpose Interface	One Trigger Input / One Relay Output (1A @ 30 VDC)
Operating Temperature	Temperature: -40 degrees C to 55 degrees C (-40 degrees F to 131 degrees F)
Storage Temperature	-40 degrees C to 70 degrees C (-40 degrees F to 158 degrees F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Safety Agency Ratings	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 60950-1 and EN 62368-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Network	
Ethernet	IEEE 802.3 10/100Base-T
PoE	IEEE 802.3af or 48VDC (Not Included)
VLAN	IEEE 802.1q Tagging
Network Security	TLS/SSL 1.2 and SRTP
Protocols	
IP Addressing	DHCP / Static
Auto-Registration	HTTPS, HTTP or TFTP
Time	NTP-based internal clock
Telephony	RFC 3261 Compatible
Audio Inputs and Outputs	
Input: Analog Audio Type (s)	One Unbalanced (2.8Vpp 10K)
Input: Analog Connectivity	RCA
Input: Network Audio Type(s)	G.711 U-Law / A-Law and G.722, G.729 Capable (Multicast)
Input: Network Connectivity	RJ-45 Female
Output: Analog Audio Type(s)	One Unbalanced (2.8Vpp 10K)
Output: Analog Connectivity	RCA
Output: Paging Port Analog Audio Type(s)	One Balanced (5Vpp 600 Ohm)
Output: Paging Port Analog Connectivity	Secured Screw Terminal Block Connector
Enclosure	
Dimensions	6.11" (155.19mm) x 4.05" (102.87mm) x 1.15" (29.21mm)
Boxed Weight	1.8 lbs. (0.82 kg)
Warranty	
Warranty Period	1 Year Limited

1601 JACK MCKAY BLVD.
ENNIS, TEXAS 75119 U.S.A.
TELEPHONE: (800) 876-3333
SUPPORT@ATLASIED.COM
AtlasIED.com

IPS-VPS

VoIP Paging Server

IPS-VPS Analog Paging Connectivity (Rear View)



IPS-VPS Network Paging Connectivity (Front View)