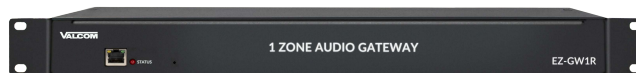


Technical Specifications



EZ-GW1R ezIP Rack Mount One Zone Audio Gateway

- 1 audio input
- 2 audio output
- 1 contact closure input
- 2 programmable Form C relay contacts
- Compatible with Valcom ezIP Protocol
- Upgradable to full Valcom IP capability
- Indoor use
- Rack Mount



Network – single port

Description:

The EZ-GW1R provides access to a single zone of one-way paging. Access to the zone is achieved through an IP-based network. The EZ-GW1R can be programmed as a SIP (Session Initiation Protocol) device for connectivity to virtually any Voice over IP (VoIP) telephone system.

SPECIFICATIONS

AUDIO INPUT

Audio input impedance: 600 Ohms

AUX input impedance: 8 to 600 Ohms

AUX input level: -10 dBm nominal

AUDIO OUTPUT

Page output impedance: 50 Ohms

Page output level: - 10 dBm nominal

POWER REQUIREMENTS

Via Rear Panel Barrel Connector:

Voltage: 24 Vdc

Current: 325 mA

Via 802.3af PoE Ethernet Switch: Class 3

CAPACITY

Provides audio for up to 40 Valcom one-way amplified speaker assemblies

SENSITIVITY

Voice switch sensitivity: -21dBm

AUDIO CODECS

G.711 u-law, others

AUXILIARY RELAYS

Two Form C Relays rated at 1A @ 24 Vdc

NETWORK

10/100 Mbps Ethernet port

Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup

Time and date synchronization using NTP

MOUNTING

Rack mounting.

ENVIRONMENT

Temperature: 32 to 104 °F (0 to +40 °C)

Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Steel with black powder coated finish

DIMENSIONS AND WEIGHT

1 Standard 19" Rack Unit

1.75" H x 16.50" W x 5.25" D

(4.45 cm x 41.91 cm x 13.33 cm)

Weight: 5.10 lbs. (2.32 kg)

2025 Rev. 3.20.25



SUPPORT@VALCOM.COM

800.825.2661

VALCOM.COM

Technical Specifications



ARCHITECTS AND ENGINEERS

The ezIP Rack Mount One Zone Audio Gateway, model EZ-GW1R, enables voice access to a single zone of one-way paging over an IP network, allowing page zones to be extended anywhere network connectivity is available. The EZ-GW1R can be programmed as a SIP (Session Initiation Protocol) device for connectivity to virtually any Voice over IP (VoIP) telephone system.

The EZ-GW1R ezIP Rack Mount One Zone Audio Gateway shall be powered by via a Power over Ethernet (PoE) switch meeting the 802.3af specification. All setup and configuration of the EZ-GW1R will be via the Valcom VIP-102B IP Solutions Setup Tool.

The EZ-GW1R input impedance shall be 600 Ohms. The input level shall be -10 dBm nominal. The voice switch sensitivity shall be -21 dBm. The EZ-GW1R auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. The EZ-GW1R shall provide two audio output connections. The terminals labeled "Page" shall provide a signal output compatible with Valcom self-amplified speakers. Up to 40 Valcom speakers can be connected to the Page output. The terminals labeled "AUX"

shall provide a signal output compatible with most amplifiers and should be used where a transformer-coupled output is desired. The output impedance shall be 50 Ohm. Output level shall be -10 dBm nominal. The EZ-GW1R shall provide two Form C relays contacts rated for 1A @ 24 Vdc.

The EZ-GW1R ezIP Rack Mount One Zone Audio Gateway shall be constructed of steel with a black powder coated finish. The EZ-GW1R ezIP Rack Mount One Zone Audio Gateway shall be designed for 19" rack mounting. Two mounting brackets and hardware shall be provided to secure the EZ-GW1R to the 19" rack.

Maximum dimensions shall be: 1.75" H x 16.50" W x 5.25" D (4.45 cm x 41.91 cm x 13.33 cm) Weight shall be approximately: 5.10 lbs. (2.32 kg).

Warranty information may be found on our website at www.valcom.com/warranty.

