VI-A05/V05/D05

VI Series Network Intercom

Product Datasheet

VI-A05

VI-D05

VI-V05

The ZYCOO VI Series Network Intercom is a rugged, vandal-proof device, available in three models: the audio model VI-A05, the video model VI-V05, and the dual-button model VI-D05. The VI Series intercom supports PoE and offers flexible installation options, supporting both wall-mount installation (with EA-MB2 mounting box) and flush-mount installation (compatible with standard 2-Gang electrical boxes).

In access control and emergency call scenarios, visitors can establish two-way communication with the operator simply by pressing the call button. The operator can remotely grant access via telephone keypad. Additionally, the VI-V05 provides high-definition video calls, while the VI-D05 is equipped with dual buttons that can be configured for different call destinations to meet diverse communication needs.

All models in the VI Series are equipped with a tamper alarm mechanism. If the device is forcibly removed, a built-in buzzer will sound, which can trigger an alert to security personnel for immediate response.

Features

- Vandal-proof plate
- Tamper alarm design
- Talkback intercom
- Video intercom (VI-V05 only)
- Support up to 5 call destinations
- Automatically polls destinations when the device is busy, unanswered, or offline, ensuring call accessibility
- Support Adaptive Noise Reduction feature, ensuring clear audio pickup in noisy environments
- Support relay control
- Support remote access control
- Supports PoE power supply
- Configure and control via web GUI
- Standard SIP protocol supported, integrable with ZYCOO IP Audio Center or third-party SIP servers, such as IP-PBX systems
- Three SIP account lines supported
- Multicast and P2P supported
- ONVIF compatible
- Provides flexible API functionality

Applications

- Schools
- Health Care
- Government Agencies
- Financial Institutions
- Parking Lots
- Office Buildings
- Hotels
- Retail Stores
- Warehouses
- Factories

Specifications

	VI-A05/VI-D05	VI-V05
Audio		
Speaker Sensitivity	96dB ± 3dB/1m/1W	
THD (@1kHz)	<1%	
SNR (20kHz BW)	97dB	
Frequency Response	100Hz - 20KHz	
Audio Output	Mono	
Rated Power	4Ω 5W	
Microphone Sensitivity	-36±3dB	
SIP Audio Codecs	G.722, G.711 A-law, G.711 U-law, Opus	
SIP Audio Stream	MP3 Sampling Rate 8–48KHz, Bit Rate 64–320kbps, Mono or Stereo	
Video		
Video Codecs	/	H.264
Resolution	/	1280*720@25fps
Network		
Ethernet	10/100Mbps Adaptive	
Network Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP,PTP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH	
Management		
Configuration	Web Interface or Auto Provisioning Server	
Provisioning	MQTT IoT Protocol	
Interface		
Network Port	1 x RJ45, PoE (IEEE 802.3af/at)	
Dry Contact Output Connectors	1 x 2-Pin Phoenix Connector	
Physical		
Memory	128MB DDR3 RAM	
Flash Memory	256MB NAND Flash	
Power Input	PoE (IEEE 802.3af/at)	
Casing (Front Panel)	6063 Aluminum Alloy	
Mounting	Wall-mount installation (with EA-MB2 mounting box) and flush-mount installation (compatible with standard 2-Gang electrical boxes)	
Weight	VI-A05:284g; VI-V05:294g; VI-D05:296g	
Dimensions	4.49" x 4.49" x 1.57 (114mm x 114mm x 40mm)	

Specifications

	VI-A05/VI-D05	VI-V05
Environmental		
Operating Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)	
Humidity	10% - 95% RH (non-condensing)	