

K86V-1



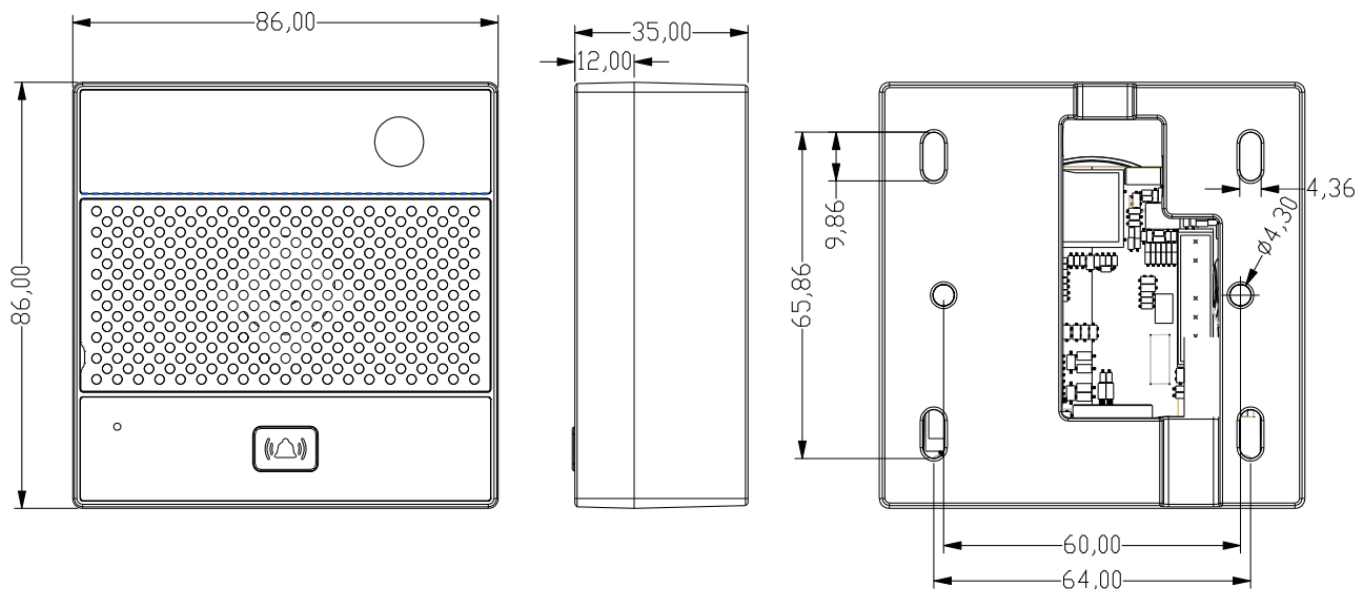
K86V-2



## FUNCTIONS

The K86V video intercom terminal, with its compact ABS housing, offers powerful features such as one-touch door release, two-way audio communication, and broadcast notifications, catering to various needs with high cost-effectiveness. It supports wall mounting, has an IP54 protection rating, and is suitable for indoor use, providing reliable communication services.

- Standard SIP telephone
- Simple installation and configuration
- Noise-canceling microphone
- Built-in 2W speaker
- Hands-free and full-duplex, HD audio
- CE, FCC, RoHS, ISO9001 standards
- Dimensions: 86\*86\*35mm, carton packing
- HD camera with H.264 code
- (K86V-1) One speed-dial button with LED indicator (illuminated during calls)
- (K86V-2) Two speed-dial buttons with LED indicator (illuminated during calls)
- Protection level IP54
- Designed with a standard 86-size form factor, compatible with standard 86-type flush and surface-mounted electrical boxes, ensuring strong versatility



SIP Specifications	
Power supply	PoE powered or 12V DC powered
Power adapter	100~240VAC 50~60Hz / 12V DC
Power consumption	Idle 1W / Working 2.4W
SIP protocol	SIP 2.0 (RFC3261)
Network port parameters	WAN Port: 10/100Base- T RJ-45 for LAN, Auto MDIX
Voice coders	G.711 a / u、 G.722 8000/16000、 G.723、 G.729、 G.726
Communication mode	Full duplex
Ringing volume	90 dB (A) @ 1 meter
Technical Specifications	
Compatible with most SIP-based IP-PBX servers that comply with SIP RFC 3261	
PoE 802.3af enabled (Power-over-Ethernet) or external power supply	
Supports automatic switching between primary and backup servers	
Supports remote Telnet debugging	
Supports two relays to remotely control external devices	
Operating temperature -40°C to 65°C	
Storage temperature -40°C to 75°C	
M.T.B.F. exceeds 50,000 hours under normal operating conditions	
Network Web Management	
Fully configurable through any internet browser	
Static IP address provisioning or DHCP support	
Product self-diagnostic testing available through the web interface	
Network-adjustable earpiece volume and microphone sensitivity	
Firmware upload via web interface	
Echo cancellation: Supports G.168, and hands-free can support 96ms	
Supports SIP domain, SIP authentication (none, basic, MD5), and DNS name of server	
DTMF: SIPINFO, INBAND, RFC2833	
Network Features	
Automatically broadcasts IP address after successful network connection	
Supports web interface backend, the intercom can be configured through webpage	
Data Protocols: IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, ONVIF, SNMPv1, RTCP-XR, 802.1x, Static IP/DHCP IP Assignment, IEEE 802.1p/Q, QoS/ToS, HTTP/HTTPS/DHCP, NTP, FTP/TFTP, CDP/LLDP VLAN Configuration, LDAP	

Camera Specifications	
The most effective pixel	1280 (H) * 720 (V)
Lens specifications size	1/4, aperture: F2.5, Focus: 2.5mm, FOV: 80 degrees
Power supply and interface	USB BUS powered