

The ZKTeco logo is positioned in the top right corner of the image. It features the letters 'ZKTeco' in a bold, sans-serif font, with 'ZKT' in black and 'eco' in a vibrant green color.

## VE05-B21L

Smart Multi-Tenant Video  
Outdoor Station



ZKTeco's **VE05-B21L** is a smart multi-tenant video outdoor station designed for multiple units in an apartment. This outdoor station features five call buttons, integrating video intercom capabilities with entrance unlocking to provide a comprehensive access control solution.

VE05-B21L supports IC card and ID card reading for door unlocking with a large user and card capacity. VE05-B21L has a CMOS FHD camera with digital WDR as well as a white LED supplement light, for clear visuals in any lighting conditions. Powered by an H.264 codec, it ensures efficient, high-quality video transmission and storage.

The VE05-B21L enables two-way communication with visitors via indoor monitors, facilitating identity verification prior to granting access. Its built-in tamper alarm promptly notifies you of any attempted tampering. VE05-B21L also features two relays which can connect and control two door locks. And it is equipped with a Wiegand and an RS485 port which provide versatile connectivity with access control devices.

It reached an IP65 (water proof and dust resistant) and IK06 (vandal resistant) protection rating, ensuring its reliable operation in all weather conditions.

## Features

- Compact Design
- Support IC and ID card reading for door unlocking ( Capacity: 20,000 users and 60,000 cards).
- A CMOS camera with WDR and 2-megapixel for clearer image.
- H.264 Video Codec.
- Reached IP65 for water proof and dust resistant. Reached IK06 or vandal resistant.
- Its integrated tamper alarm promptly alerts you to any unauthorized tampering attempts.
- Support PoE (IEEE 802.3af) standard.
- Equipped with 2 relays for connecting and controlling two door lock.
- Support Wiegand and RS485 port for access control device integration.

## Specifications

<b>Physical</b>		<b>Installation</b>	Wall Mount (on flat surface)
System	Linux	<b>Dimension</b>	188 x 88 x 34 mm
RAM	64 MB	<b>Operating Temperature</b>	-40°C to +55°C
ROM	128 MB	<b>Storage Temperature</b>	-40°C to +70°C
Front Panel	Aluminum+Tempered Glass	<b>Operating Humidity</b>	10% to 90% (non-condensing)
Button	5 call buttons	<b>Audio</b>	
Power Supply	PoE PoE (IEEE 802.3af) or DC 12V/2A	<b>Audio Codec</b>	G.711
Standby Power	1.5 W	<b>Echo Cancellation</b>	
Rated Power	3.5 W	<b>DTMF</b>	RFC2833
Camera	2MP, CMOS	<b>Microphone</b>	Built-in microphone
Indicator Light	3	<b>Speaker</b>	Built-in speaker
Wiegand Port	1	<b>Video</b>	
Ethernet Port	1 x RJ45, 10/100 Mbps self-adaptive	<b>Video Codec</b>	H.264
Door Entry	IC card (13.56MHz) & ID card (125kHz) (Capacity: 20,000 users ; 60,000 cards)	<b>Video Resolution</b>	1280 x 720
Card Reading Distance	≤ 3cm	<b>Viewing Angle</b>	110°(H) / 60°(V) / 125°(D)
Reset Button	1	<b>Max. Image Transfer Rate</b>	720p – 25fps
RS485 Port	1	<b>Supplement Light</b>	LED (White)
Relay Out	2	<b>Networking</b>	
Input	2	<b>Protocol</b>	SIP Version 2.0, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP, ICMP
Protection Rating	IP65 (water proof and dust proof) IK06 (vandal resistant)		

# Configuration

