

HDB301-VP

IP Video Intercom Vanda-Resistant Door Station



Key Features

Basic Functions

- Video intercom function, supporting the communication with the master station and the indoor station.
- Access control function, supporting multiple door opening modes (indoor station, master station, client software, and web)
- Self-adaptive IR supplement with max. 5-meter IR distance
- High-performance embedded SOC processor
- IK 9 and IP 66

Video/Audio Functions

- HD video surveillance with WDR wide angle and high performance CMOS, up to 720P @ 30 fps
- Noise suppression and echo cancellation
- H.264 video compression standard
- Low illumination

Alarm Functions

- Supports the door magnetic alarm
- Auto-uploads alarm message to the master station or the client software

Remote Controls

- Remote reboot, remote upgrade, time synchronization via NTP, and batch configuration function
- Supports web remote access and OSD display
- Supports motion detection

Additional Features

- ISAPI (Internet Server Application Programming Interface) and ONVIF (Open Network Video Interface Forum) supported, to ensure greater compatibility and interoperability among different platforms
- Supports bit rate and frame rate configuration, P/N video standard configuration, Email configuration, and auto day & night switch
- Auto-uploads captured pictures to the FTP or the client software while unlocking the door

Specifications

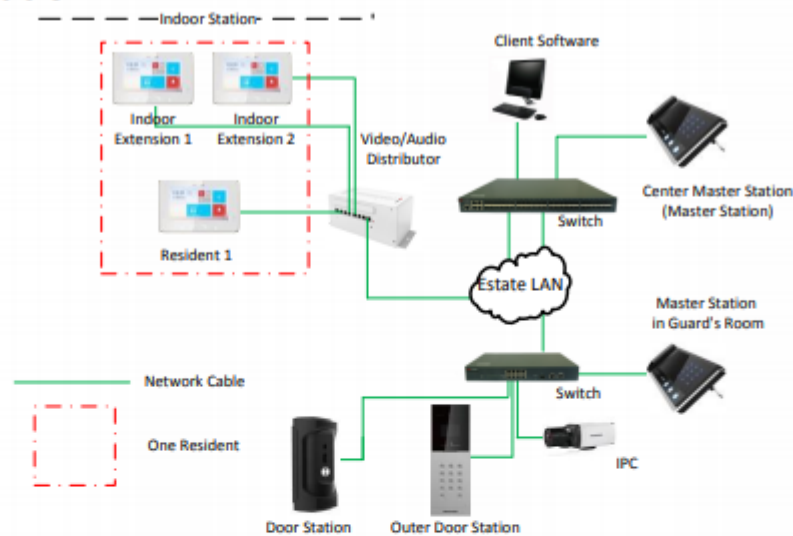
System Parameters	
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera Parameters	
Image sensor	1/3" Progressive Scan CMOS, Color, Day/Night
Light Sensitivity	Low Illumination
Lens	Pinhole, f3.47mm F2.5
Field of view	80° (Horizontal) 44° (Vertical)
Field of view adjustment	-50° to 50°
Video Parameters	
Video Compression	H.264
Video streaming	Dual Stream
Resolution	Main Stream: 1280x720 Sub-stream: 640x480
Video frame rate	PAL: 25 fps, NTSC: 30 fps
Video Bit Rate	Main Stream: 32 Kbps to 4096 Kbps Sub-stream: 32 Kbps to 2048 Kbps
Anti-flicker frequency	50 Hz, 60 Hz
Wide dynamic range	Digital WDR, Auto-Switch, DAY/ON, NIGHT/Off
Image settings	Color, Brightness, Contrast, Sharpness, Saturation, Video Standard, OSD Display
Audio Parameters	
Audio streaming	Two-Way, Full Duplex
Audio input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio compression standard	G.711U
Audio compression rate	64 Kbps
Audio quality	Noise Suppression and Echo Cancellation
Light Supplement	
Light supplement mode	IR Supplement, IR Distance: 5 Meters
Wavelength	940 nm
Control	Auto ON/OFF, Time ON/OFF
Network Parameters	
Alarm input	Door Magnetic Alarm
Protocols	RTP, RTSP, ONVIF, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP
Network Connection Mode	DHCP, Static IP Address
Door-unlocked duration	1 s to 255 s
Device Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet port
I/O input	1

I/O Output	1 Relay Output
Event Actions	
Event	Motion Detection, Picture Capturing, Call Button Pressing
File uploading	FTP
Email notification	Login Succeeded via Software or Web
General	
Operating Conditions	-30 °C to 50 °C (-22 °F to +122 °F), Humidity 10%-90%
Power Supply	12 VDC PoE Max 12 W
Protection Level	IK 9, IP 66
Material	Wall Mounting Shield: Zinc Alloy Front Panel: Zinc Alloy Rear Panel: Aluminum Alloy Wall Mounting Plate: Secc
Dimensions	161.9 mm x 74.1 mm x 53.2 mm (6.37" x 2.92" x 2.09")
Weight	773g (1.70lb)
Video Management Software	CMS Client/Guarding Vision Mobile App

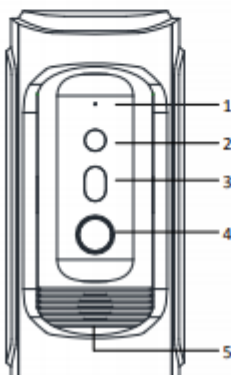
Available Models:

HDB301-VP

Typical Application



Appearance and Interfaces



Index	Description
1	Microphone
2	Built-in Camera
3	IR Supplement Light
4	Call Button
5	Loudspeaker