HIK-VD8301
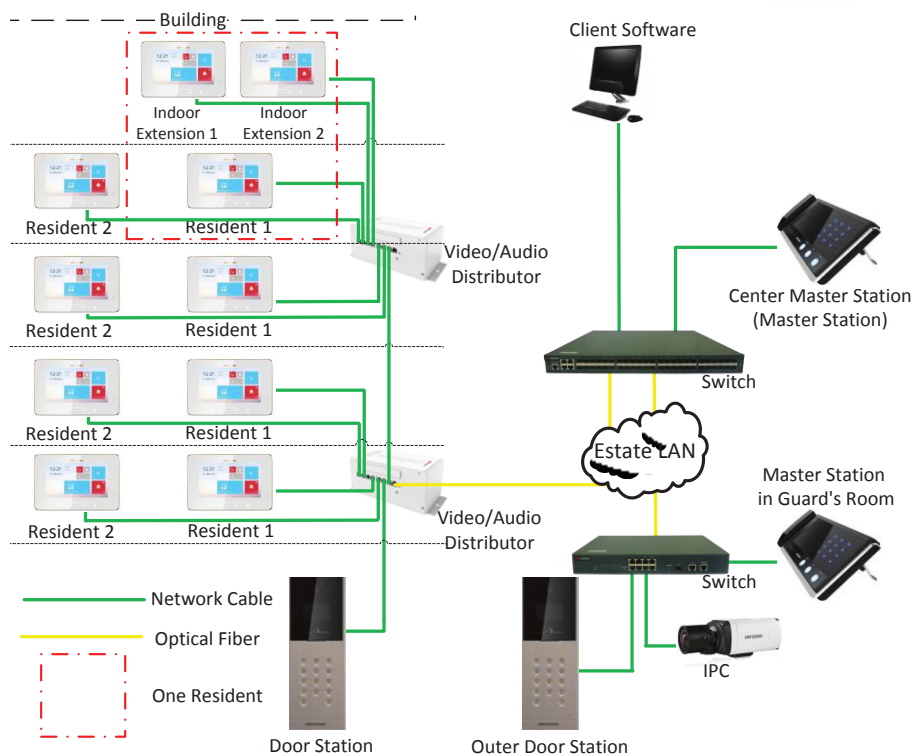# Video Intercom Master Station

Key Features

Glass panel and aluminum-alloy bracket

Supports video intercom

Supports live view of door stations and IP camera

Noise suppression and echo cancellation

Alarm processing function

Supports remote unlocking door function

Supports hands-free mode

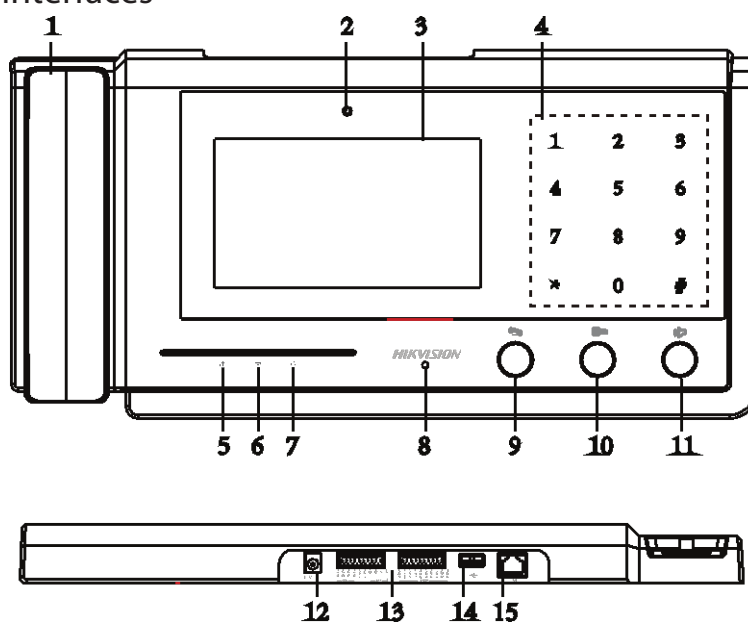(Optional) Suitable for wall mounting

Typical Application

Building

Indoor Extension 1   Indoor Extension 2

Resident 2   Resident 1

Resident 2   Resident 1

Resident 2   Resident 1

Resident 2   Resident 1

Video/Audio Distributor

Video/Audio Distributor

Client Software

Center Master Station (Master Station)

Switch

Estate LAN

Master Station in Guard's Room

Switch

IPC

—— Network Cable

—— Optical Fiber

⌐ ⌐ One Resident

Door Station   Outer Door Station

Specifications

Model		HIK-VD8301
System parameters	Processor	High-Performance Embedded SOC Processor
	Operation system	Embedded Linux Operation System
Video parameters	Camera	CMOS 0.3 MP
	Video compression standard	H.264
	Resolution	1280 x 720
	Video frame rate	12.5 fps
Display parameters	Display screen	7-Inch Colorful TFT LCD
	Display resolution	1024 × 600
	Operation method	Capacitive Touch Screen, Touch Key, Physical Button
	Operation interface	Flattened UI Operation Interface
Audio parameters	Audio input	Built-in Omnidirectional Microphone
	Audio output	Built-in Loudspeaker + External Handset
	Audio compression standard	G.711 U
	Audio compression rate	64 Kbps
	Audio quality	Noise Suppression and Echo Cancellation
Network parameters	Ethernet	10/100 Mbps Self-Adaptive Ethernet
	Network protocol	TCP/IP, SNMP, SIP, RTSP
Device interfaces	Network interface	1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
	RS-485	2 RS-485 Half-Duplex Port
	USB	1 USB Interface for Inserting U-Disk
	I/O input	4 On-Off Input
	I/O output	2 On-Off Output, 2 Relay Output
General	Material	Plastic
	Power supply	12 VDC
	Power consumption	≤10 W
	Working temperature	-10° C to + 55° C (14° F to 131° F)
	Working humidity	10% to 90%
	Dimensions (L × W × H)	436 mm × 215 mm × 36 mm (17.2" ×8.5" × 1.4")
	Certification	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE

Available Model

HIK-VD8301

Appearance and Interfaces

Index	Description	Index	Description
1	Phone	9	Call/End Call Button
2	Built-in Camera	10	Unlock Button
3	Display	11	Speaker Button
4	Dial Keypad	12	12 VDC Power Supply
5	Information Indicator	13	Terminals and Interfaces of Cables
6	Alarm Indicator	14	USB Interface
7	Alarm Indicator	15	Network Interface
8	Microphone		