

# LTH-M001

## IP Video Intercom Vandal-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 messages 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

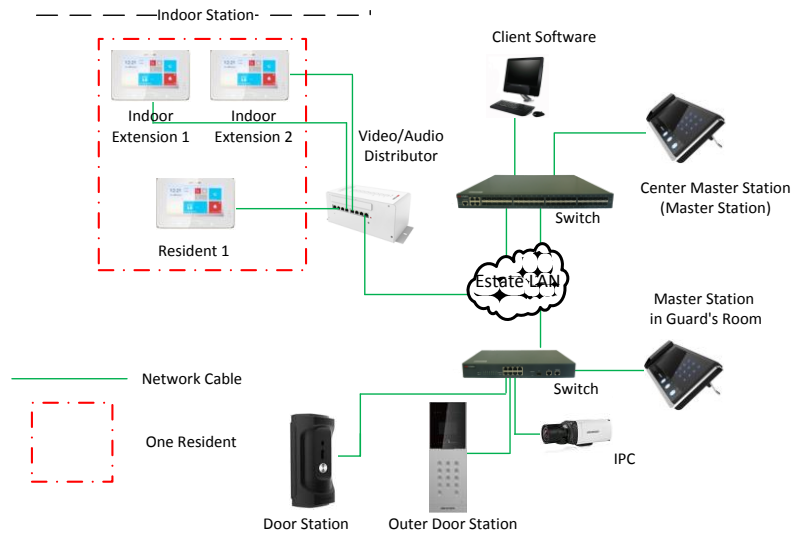


## Specifications

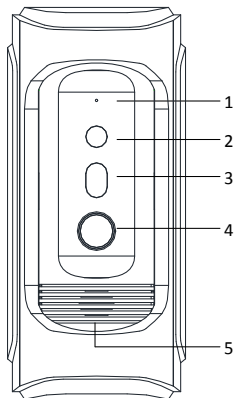
<b>Model</b>		<b>LTH-M001</b>
<b>System parameters</b>	<b>Processor</b>	High-Performance Embedded SOC Processor
	<b>Operation system</b>	Embedded Linux Operation System
<b>Camera parameters</b>	<b>Image sensor</b>	1/3" Progressive Scan CMOS, Color, Day/Night
	<b>Light sensitivity</b>	Low Illumination
	<b>Lens</b>	Pinhole, f3.47mm,F2.5
	<b>Field of view</b>	80° (Horizontal), 44° (Vertical)
	<b>Field of view adjustment</b>	-50° to 50°
<b>Video parameters</b>	<b>Video compression standard</b>	H.264
	<b>Video streaming</b>	Dual Stream
	<b>Resolution</b>	Main Stream: 1280 × 720 Sub-Stream: 640 x 480
	<b>Video frame rate</b>	PAL: 25 fps, NTSC: 30 fps
	<b>Video bit rate</b>	Main Stream: 32 Kbps to 4096 Kbps Sub-Stream: 32 Kbps to 2048 Kbps
	<b>Anti-flicker frequency</b>	50 Hz, 60 Hz
	<b>Wide dynamic range</b>	Digital WDR, Auto-Switch, DAY/ON, NIGHT/OFF
	<b>Image settings</b>	Color, Brightness, Contrast, Sharpness, Saturation, Video Standard, OSD Display
<b>Audio parameters</b>	<b>Audio streaming</b>	Two-Way, Full Duplex
	<b>Audio input</b>	Built-in Omnidirectional Microphone
	<b>Audio output</b>	Built-in Loudspeaker
	<b>Audio compression standard</b>	G.711 U
	<b>Audio compression rate</b>	64 Kbps
	<b>Audio quality</b>	Noise Suppression and Echo Cancellation
<b>Light supplement</b>	<b>Light supplement mode</b>	IR Supplement, IR Distance: 5 Meters
	<b>Wavelength</b>	940 nm
	<b>Control</b>	Auto ON/OFF, Time ON/OFF

Model	<b>LTH-M001</b>	
Network parameters	<b>Ethernet</b>	10/100 Mbps Self-Adaptive Ethernet
	<b>Network protocol</b>	RTSP, RTP, ONVIF, ISAPI, NTP, HTTP, HTTPS, DHCP, FTP, SMTP
	<b>Network connection mode</b>	DHCP, Static IP Address
	<b>Door-unlocked duration</b>	1 s to 255 s
Alarm parameters	<b>Alarm input</b>	Door Magnetic Alarm
Device interfaces	<b>Network interface</b>	1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface
	<b>I/O input</b>	1
	<b>I/O output</b>	1 Relay Output
Event actions	<b>Event</b>	Motion Detection, Picture Capturing, Call Button Pressing
	<b>File uploading</b>	FTP
	<b>Email notification</b>	Login Succeeded via Software or Web
General	<b>Material</b>	Wall Mounting Shield: Zinc Alloy Front Panel: Zinc Alloy Rear Panel: Aluminum Alloy Wall Mounting Plate: Secc
	<b>Impact protection</b>	IK 9
	<b>Ingress protection level</b>	IP 66
	<b>Power supply</b>	PoE (Power over Ethernet)
		12 VDC
	<b>Power consumption</b>	Max. 12 W
	<b>Working temperature</b>	-30° C to +50° C (-22° F to 122° F)
	<b>Working humidity</b>	10% to 90%
	<b>Dimensions (L x W x H)</b>	161.9 mm x 74.1 mm x 53.2 mm (6.37" x 2.92" x 2.09")
<b>Weight</b>	773g (1.70lb)	

## Typical Application



## Appearance and Interfaces



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