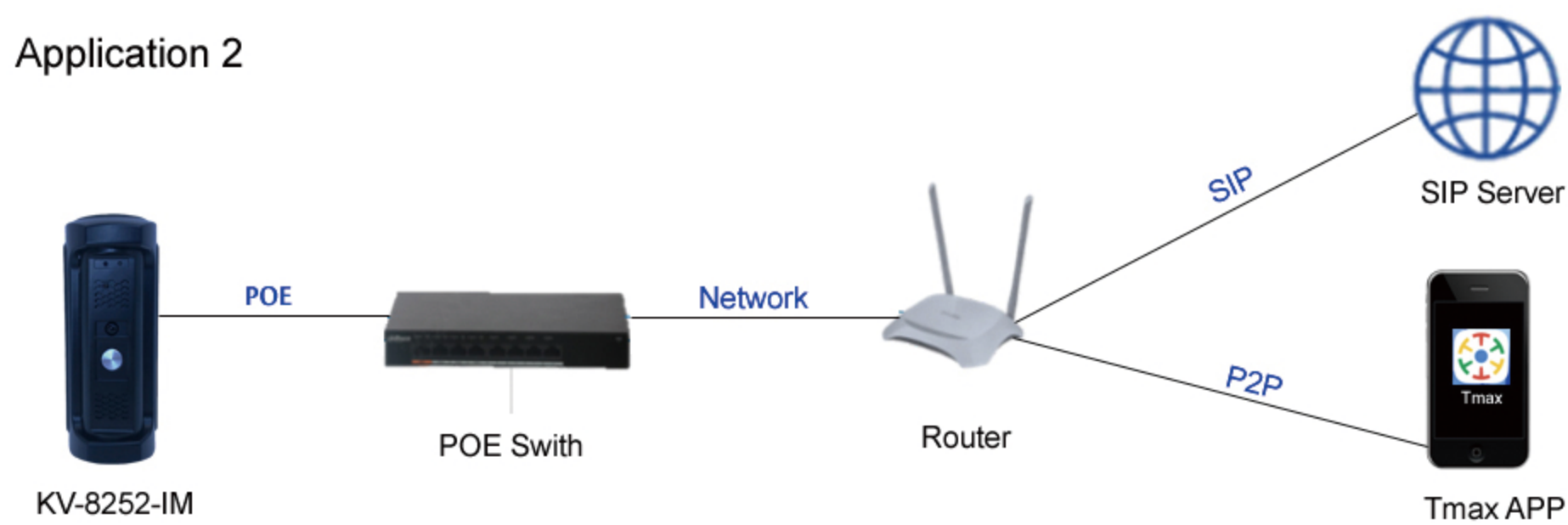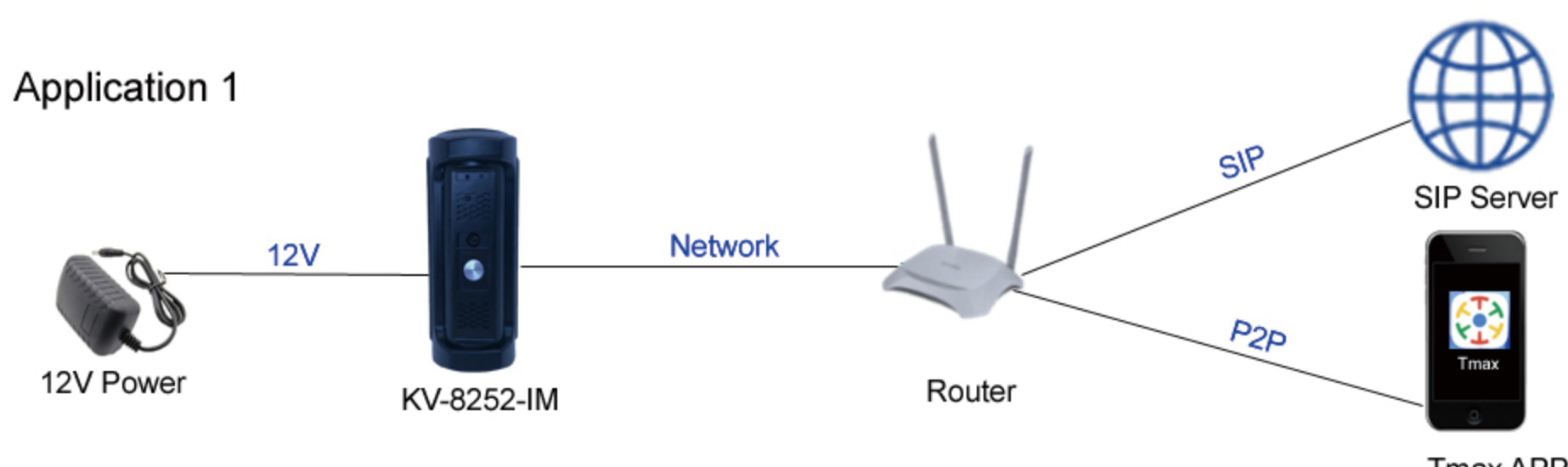## Overview
Overview

The KV8252-IM is a IP Video Intercom Waterproof Vandal-Resistant Door Bell Station, featuring in the vandal- resistant design, convenient installation, and easy operation, supports the video intercom functoion, function, access control function, door magnetic alarm, motion detection and so on. As an intelligent device, the vandal-proof door station is mainly applied in the villa for improving the living security.

Appearance
Appearance

- Microphone
- Photodiode
- Built-in Camera
- Low Illumination Supplement Light
- Call Button
- Loudspeaker

Application 1

Application
APPlication

Application 2

Product Features
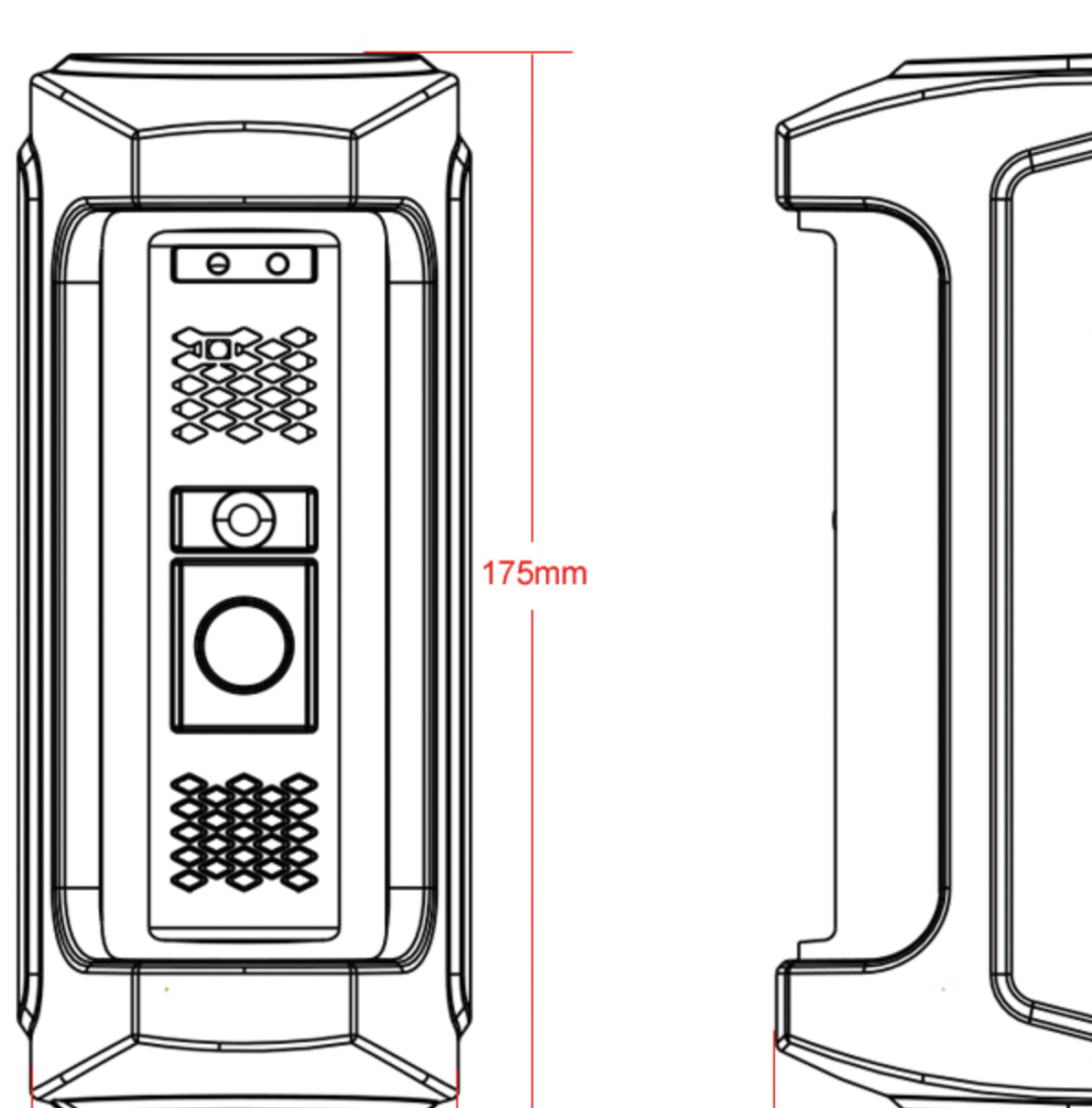Product Features

H.265, CGI,SIP and ONVIF supported;

Supporting the video intercom communication with the indoor master station;

Supporting multiple door opening modes (the master station, Mobile APP);

Echo cancellation and noise suppression;

Sony STARVIS high performance CMOS,up to 1080P@30fps;

IR distance: max. 5-meter, 940nm IR leds;

DWDR, wide angle—HD pinhole lens;

Auto-uploads alarm messages to the master station or the client software;

Remote reboot, remote upgrade(IE or Client software), time synchronization via NTP;

Supports motion detection;

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.

Specification
Specification

General	
Image sensor	2.0 MP, 1/2.8" SONY STARVIS IMX307, Day/Night
Sensitivity	0.003lux @F1.2(Color) / 0.0001 lux@F1.2 (B/W) / 0 lux (IR LEDs - ON)
Lens	3.7 mm, F2.0,pinhole
Field of view	85°(Horizontal),V45°(Vertical ,
Field of view adjustment	-45 ~ 45°
Minimum working distance	0.5m
WDR	100dB Digital, 3 levels
Noise reduction	2D/3DNR (level adjustment), SmartNR
Shutter time	1/3~ 1/12000 s (Auto, maximum value setting)
S/N ratio	Min. 50 dB
Antiflicker	Antiflicker 50, 60 Hz
Ringing tone patterns	Set by the user
Other features	ICR, progressive scan
Video	
Compression	H.265,H.264
Video streaming	2 stream and all H265/H264
Resolution	Mainstream: 1920x1080, 1280x720 (HD) Additional stream: 640x480, 640x360, 352x288
Framerate	Up to 25 fps in all resolutions
Bitrate	32 kbps ~ 10 Mbps
Image settings	Brightness, contrast, sharpness, saturation, exposure, color, hue, quality, rotation, flip, mirror, AGC, white balance, exposure (value setting, AGC settings)
Subtitles	Text, date, time,
Audio	
Audio output	Built-in speaker
Audio input	Built-in microphone(1pcs)
Illumination	
IR illumination	IR LED (1 pcs)
Control	Auto ON/OFF
Operating mode	By IR sensor, by video viewing, continuous
Wavelength	940 nm
IR distance	Up to 10m
Network & Interfaces	
Network interface	10Base-T/100Base-TX Ethernet
Protocols	TCP/IP, SIP v.2.0, HTTP, HTTPS, FTP, SMTP, DDNS, DHCP, RTP, RTSP, UDP, NTP, ONVIF v.2.4,
Alarm output	1 channel (NO mode)
Interface for Contol system	1-Wire
Connection	DHCP, static IP address
Users	Up to 3 accounts
Other features	MicroSD HC
SIP	
The number of SIP-accounts	1
SIP-call subs	Up to 5
DTMF modes	RFC2833, SIP INFO, in-band
Recording & events	
Events	Motion detection, network failure,Video Lost
Motion detection	sensitivity adjustment, area
E-mail notification	At events: Images
FTP, memory card	At events: Images, video
Operation	
Power	POE, DC12v
Power consumption	Max. 5 W
Operating temperature	from -40°C ~ +70°C
Ingress protection	IP64
Housing	Vandal resistant
Hosing materail	Metal
Dimensions	75x175x52 mm
Weight	585g
Color	Black (mat), gray «Metallic» (optional)
Control	third CMS
System requirements	Microsoft Internet Explorer 11/9.0 Windows 10/8/7/
	IOS 6.0-9, Android 4.0 later

Dimensions
Dimensions

175mm

75mm   52mm