CCDCAM VIDEO INTERCOM SOLUTION

PRODUCT SITUATION

The application of IP Video Intercom allows you to know who is knocking at the door even when you are not at home. The IP Video Intercom system is a revolutionary progress for family security. It will change the face of family security and make many things easier. It allows us to increase security and stay away from things like theft.

Working Principle

The visual doorbell system is a kind of equipment used for information transmission between households inside and outside high-rise residential buildings and apartment buildings, anti-theft door control and alarm to the building duty room in case of emergency. It is widely welcomed by users for its complete functions, reliable performance, large capacity, beautiful appearance, and convenient installation and use, and has also been widely used in safe living quarters.

HIGHLIGHTS

OF THE VIDEO INTERCOM SOLUTION

Video Intercom Solution

Excellent Image Quality

● HD Resolution, WDR, Night Vision

Excellent Sound Quality

● Built-in echo cancellation chip

● Support two way audio

Explosion-proof Design（KV8252-IM）

● Metal explosion-proof property, more safer

Easy Controls & Multiple Applications

● Tuya APP control / Access control

Easy to install

● Plug and play

CCTV Integration (Master Station)

● 10-inch Touch-Screen Master Station

● 1280*800 HD Resolution

● Support 4ch doorbells/cameras

● TF card,max 512G

● Built-in 64G SSD

● 2-ch alarm input,1-ch alarm output

● Video Recording

● 12V DC

OVERVIEW

CCDCAM's intercom products excel at convenient installation and flexible expansion capabilities,
Metal shell and plastic shell provide you with a variety of options,Standard POE power supply works more stably,
Dual WiFi design is simple and plug-and-play,Touch screen and new UI design experience These Master
stations received great comments for their clean and simple designs and for an excellent interactive,Master
station supports add cameras, which is not only an video intercom system, but also a complete monitoring system，
Provide safer protection for your home.

ADVANTAGES

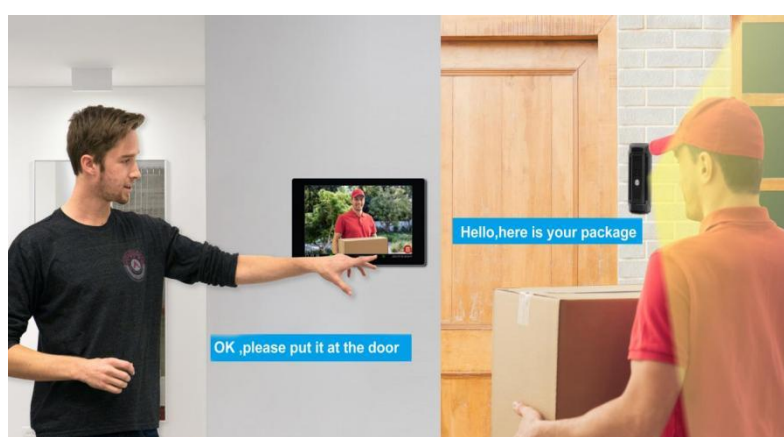Clear Night Vision

Vandal-resistant Design

Clear Night Vision

Design Dismantled alarm function

HD Resolution

Two-way Audi

10'TFL LCD **Two-way Audio** **Human Detection** **Touch screen** **Micro SD Card** **Record**

OSD Menu For Easy Operation OSD

CH1 CH2 CH4 67% 0% 2022-07-05 16:10:57

Support Tuya APP

Multi-user Viewing

Tuya Smart

15:06
Mon, 15 June 2022
Type to search...

3:06 PM

Motion Detection Alarm

Support Human Detection

Remote Unlock

Tuya APP Push Alarm

17:35
Thursday 24 March

Alarm occurred
Device:HG71533MWWU

IP VIDEO INTERCOM SOLUTION

Solution

Tuya APP

Master station

Extension Station
(Optional)

Camera
(Optional)

POE Swith

Doorbell

Doorbell

UTP

DUAL WIFI VIDEO INTERCOM SOLUTION

Doorbell

Power Supply

Doorbell

WiFi

WiFi

Master Station

Electromagnetic Lock(Support)

WiFi

Router

Doorbell

Power Supply

Doorbell

WIFI

WIFI

Master Station

Electromagnetic Lock(Support)

WIFI

Router
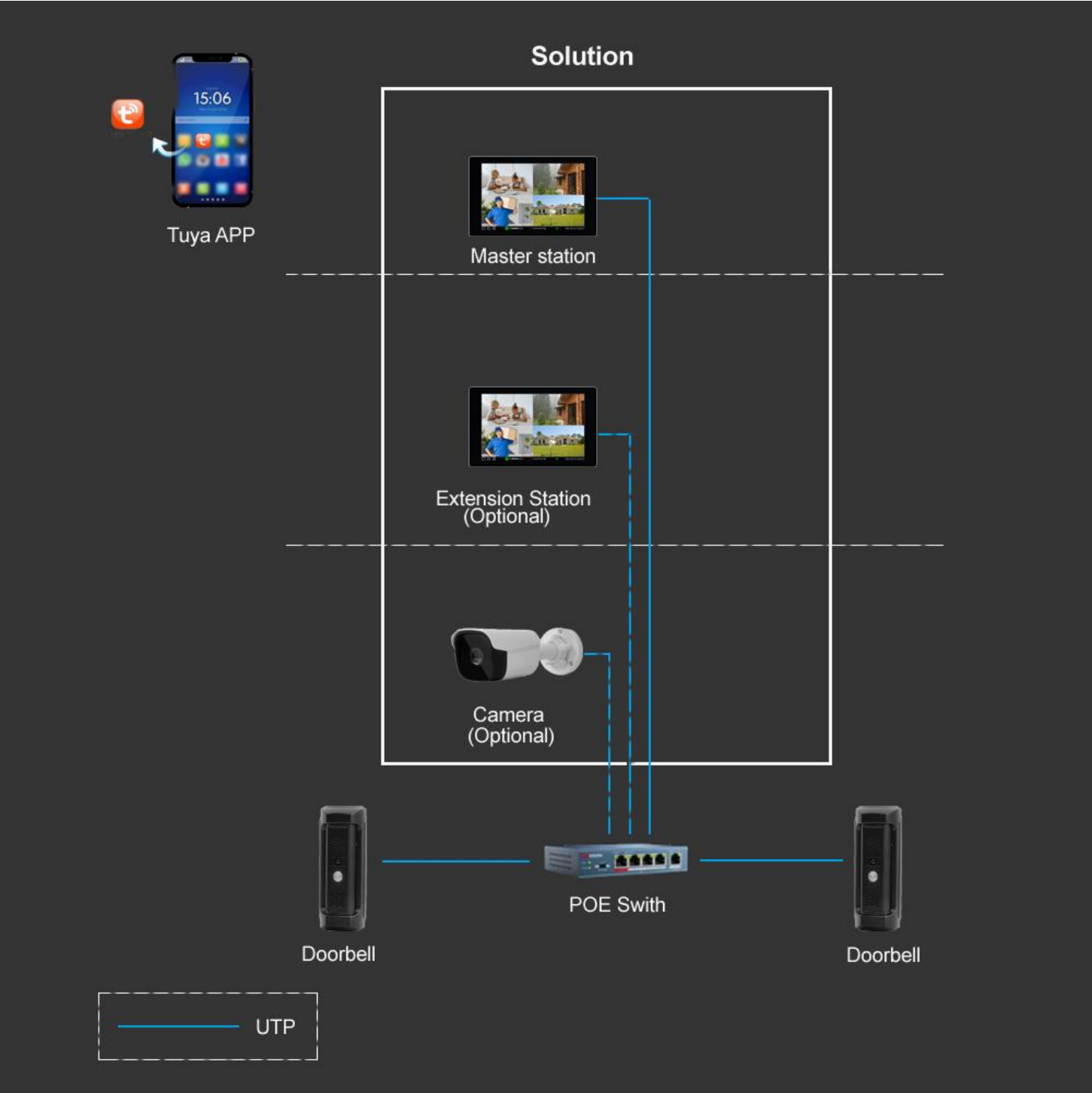
APPLICATION SCENARIO

VILVILLA APPLICATION SOLUTION

Villa solutions offer thoughtful and useful features that allow you to see who is at the door and decide whether or not to open the door   through the indoor mainframe, . They can also receive all calls and unlock the door remotely, making it easy to use apps on mobile devices. The doorbell can provide clear images day and night. With the ability to record Master station, users can check what's happening on their doorstep， Explosion-proof shell design and clear image for the villa to provide a strong security.
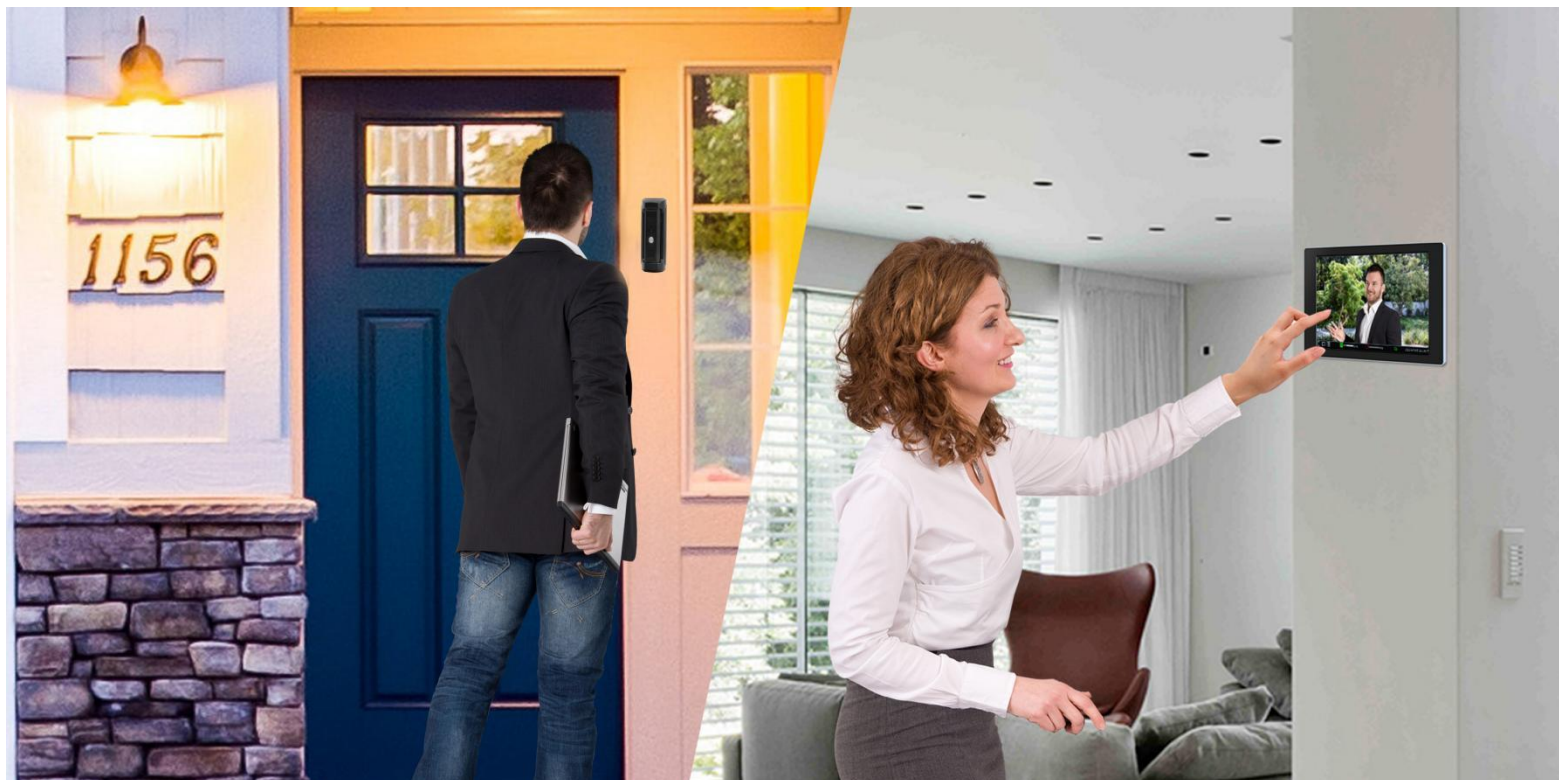
RESIDENTIAL APPLICATION SOLUTION

With the rapid urbanization, the residential area has emerged as the center of our daily life, especially the activities with our beloved families.

However, the traditional residential setup is facing big challenges with the new development of modern life, like the Increasing consciousness of safety, wide usage of vehicles, convenience of and comfort of living environment etc.

24×7h protection to safeguard the residential by Video intercom system.

When your children are playing in the residential playground with their friends, you can see them from your indoor monitor.

Door monitoring

School

Factory

Supermarket

Patio

Parking lot

Office

Store

PRODUCT SHOWCASE

IP VIDEO INTERCOM SOLUTION

KV8252-IM Doorbell

1080P,1/2.8" Sony STARVIS IMX307 Sensor
Field of view:85°(Horizontal),V45°(Vertical)
3.7 mm fixed lens, F2.0,pinhole,940 nm IR LED
H.265, CGI,SIP and ONVIF supported
12V DC or Standard Po

KV8352-IM Doorbell

3MP,1/2.7" CMOS Sensor
Support adaptive infrared light compensation
Support remote unlocking on Master station
HTTP,TCP/IP,IPv4,DHCP,NTP
12V DC or Standard POE

8310M Master Station

10.1-inch TFT LCD with 1280 x 800 resolution
Support 4-channel doorbell input
Built-in echo cancellation chip
TF card, max 512GB and built-in 64G SSD

DK8252 Kit

1 master station + 2 metal doorbell
The two stations are connected by IP protocol
Support unlocking on Tuya APP
Two-way audio intercom

DK8352P Kit

1 master station + 2 plastic doorbell
The two stations are connected by IP protocol
Support unlocking on Tuya APP
Two-way audio intercom

DK8254 Kit

1 master station + 2 metal doorbell+2 plastic doorbell
The two stations are connected by IP protocol
Support unlocking on Tuya APP
Two-way audio intercom

DK8354C Kit

1 master station + 2 metal doorbell+2 cameras
The two stations are connected by IP protocol
Support unlocking on Tuya APP
Two-way audio intercom

DK8354-P Kit

1 master station + 2 plastic doorbell + 2 cameras
The two stations are connected by IP protocol
Support unlocking on Tuya APP
Two-way audio intercom

DUAL WIFI VIDEO INTERCOM

KV8352-WM Doorbell

3MP,1/2.7" CMOS Sensor
Support adaptive infrared light compensation
Support remote unlocking on Master station
Support 2.4G wireless

8310WM Master Station

10.1-inch TFT LCD with 1280 x 800 resolution
Support 4-channel doorbell input
Built-in echo cancellation chip
TF card, max 512GB and built-in 64G SSD

DK8352-W Kit

1 master station + 2 plastic doorbell
The two stations are connected by wireless
Support unlocking on Tuya APP
Two-way audio intercom

DK8354-W Kit

1 master station + 2 plastic doorbell + 2 cameras
The two stations are connected by wireless
Support unlocking on Tuya APP
Two-way audio intercom

Model	KV8252-IM Doorbell
Operation	
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), Smart NR
Shutter time	1/3~ 1/12000 s (Auto, maximum value setting)
S/N ratio	Min. 50 dB
Anti flicker	Anti flicker 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
Video stream	Mainstream: 1920x1080, 1280x720 (HD)
	Additional stream: 640x480, 640x360, 352x288
Frame rate	Up to 25 fps in all resolutions
Bit rate	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	
Resolution	Mainstream: 1920x1080, 1280x720 (HD)
IR illumination	IR LED (1 pcs)

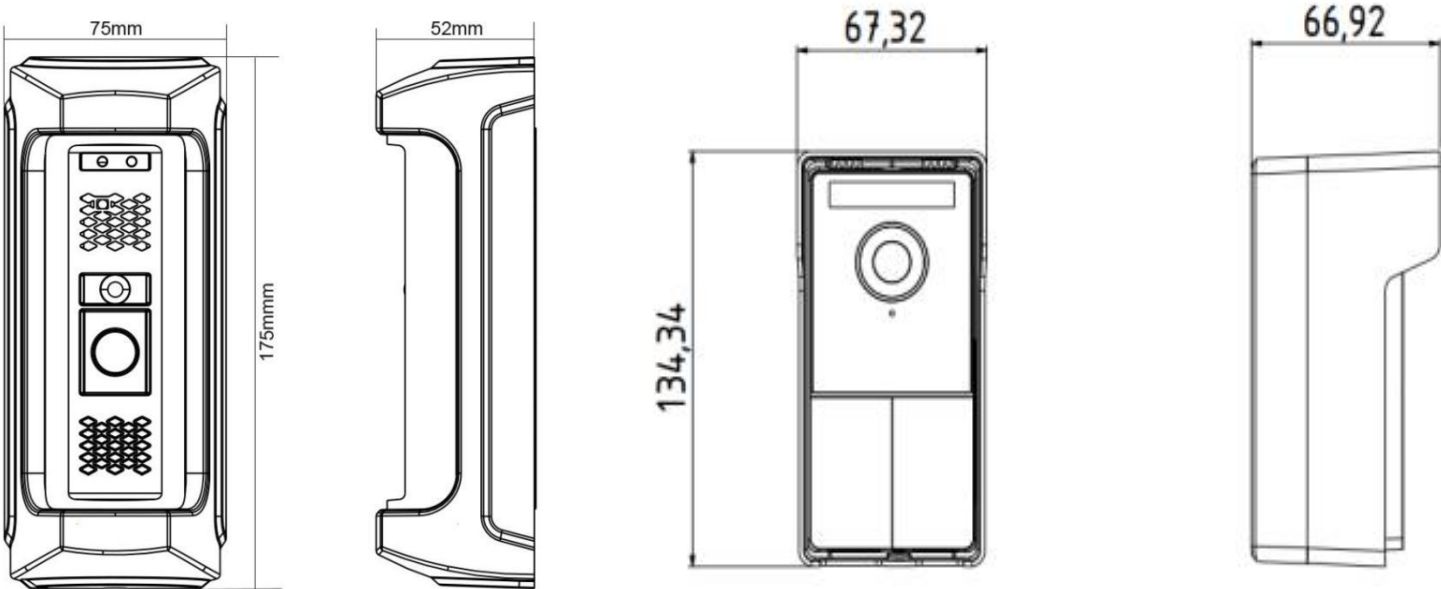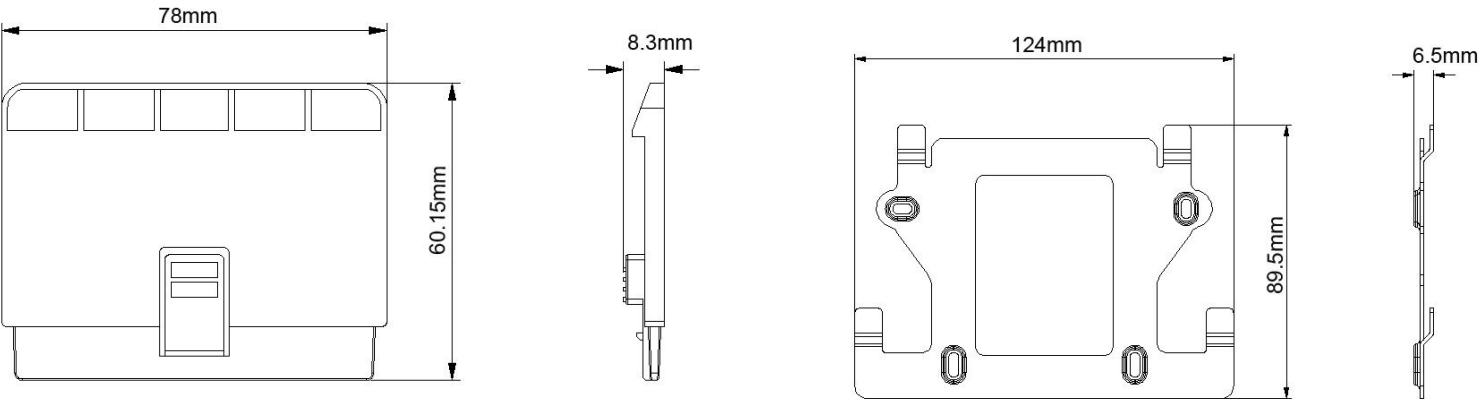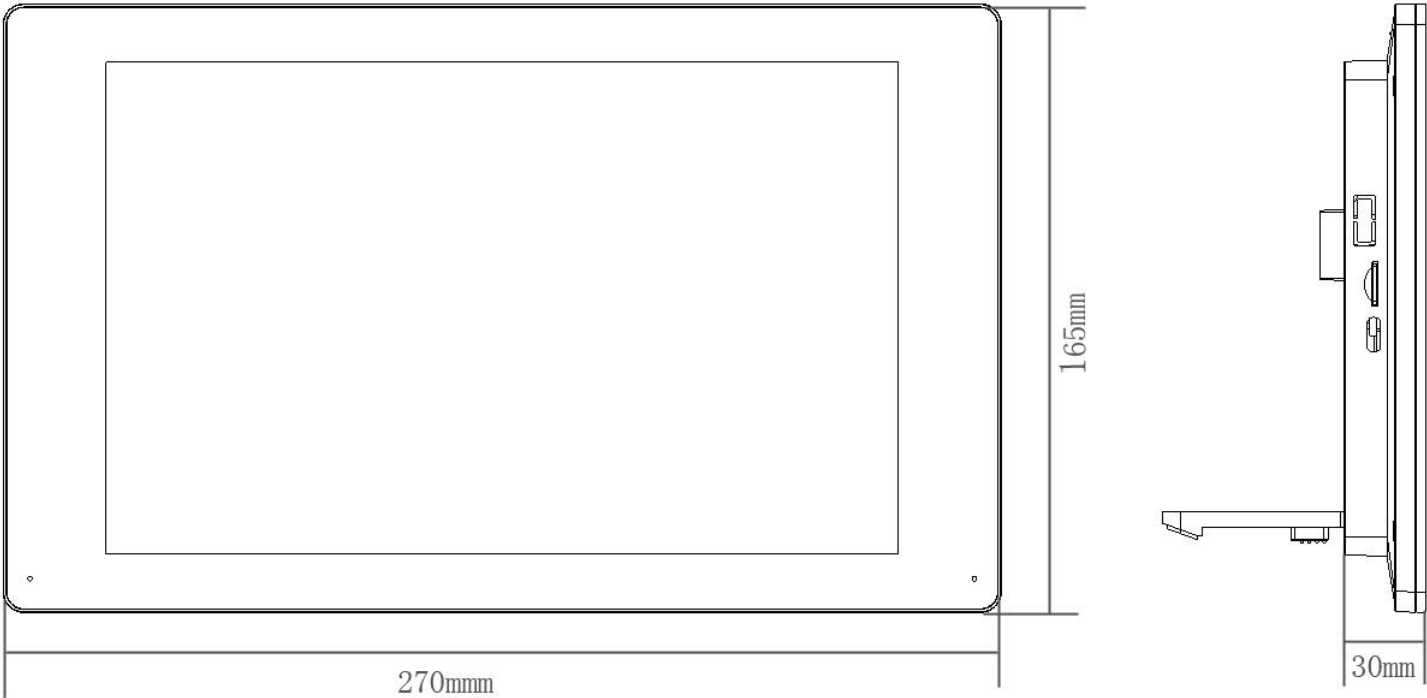| Control	Auto ON/OFF
Operating mode	By IR sensor, by video viewing, continuous
Wavelength	940 nm
Network & Interfaces	
Network interface	10Base-T/100Base-TX Ethernet
Protocols	TCP/IP, SIP v.2.0, HTTP, HTTPS, FTP, SMTP,
	DDNS, DHCP, RTP, RTSP, UDP, NTP, ONVIF v.2.4,
Alarm output	1 channel (NO mode)
Interface for Control system	1-Wire
Connection	DHCP, static IP address
Users	Up to 3 accounts
Other features	Micro SD 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
General	
Power	POE, DC12V
Power consumption	Max. 5 W
Operating temperature	from -40°C ~ +70°C
Ingress protection	IP64
Housing	Vandal resistant
Hosing material	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/

Model	KV8352-IM Doorbell
System	LINUX,Single core 32-bit DSP, hard compression, watchdog, 8MB FLASH, built-in 64MV DDR
Camera	3MP 1/2.7" CMOS,colour 2.0Lux@F2.0,B/W 0 Lux@F2.0;Integrated IR cut driver,support Sensor+IR-CUT +LED Linkage control of light supplement, Day/Night
Video Compression	H.265+/H.265/H.264 code format,Double stream ,PAL/NTSC
Frame Rate	3MP@15fps
Image Output	Main stream:2304×1296，1280×720
	Sub stream:640×360
Audio Interface	1*MIC input,1*loudspeaker output;
Audio Compression	G.711,Support two-way voice intercom function and audio and video synchronization;
Network	10/100M Base-TX Ethernet, RJ45 Connector HTTP,TCP/IP,IPv4,DHCP,NTP
Protocols	HTTP,TCP/IP,IPv4,DHCP,NTP
Signal Interface	1*IRCUT interface, support the control of IR-CUT and image linkage;
Upgrade Maintenance	Support OTA upgrade
Business Functions	Support OSD, real-time video transmission, mobile detection and human shape detection
ONVIF	UnSupport
Remote Unlock	Support
Power Supply	POE
Dimensions	67.32mm×66.92mm×134.34mm （W×D×H）
Working Temperature	-10℃～+70℃

Model	8310M Master Station
Image Signal Processor	SOC
Operating System	LINUX
LCD	10.1-inch TFT LCD
Resolution	1280*800
Operation method	Capacitance touch screen
Operation interface	Flat style UI interface, easy to operate
Outdoor camera	Max support 4*Outdoor camera
Indoor Extension Station	Max support 2*Indoor Extension Station
Video Compression	H265/H264
Record	Support scheduled recording and event recording
Storage	Built-in 64GB SSD
TF Card	1 * TF Card ,max 512G
USB Interface	1 * USB 2.0
Audio Input	Built-in microphone
Audio Output	Built-in speaker
Audio Compression Standard	G.711U
Audio Compression Rate	64Kbps
Sound Quality	Supports noise suppression and echo cancellation
APP	Support tuya APP,Support remote intercom and unlock
Network Interface	1 RJ-45 10/100M self-adaptive
Alarm output	2-ch
Alarm Output	1-ch
Power Supply	DC12V
Power Consumption	＜10W
Working Temperature	-10℃ ～55℃
Working Humidity	10%～90%
Dimensions	270mm*165mm*30mm

Model	KV8352-WM Doorbell
System	LINUX,Single core 32-bit DSP, hard compression, watchdog, 8MB FLASH, built-in 64MV DDR
Camera	3MP 1/2.7" CMOS,colour 2.0Lux@F2.0,B/W 0 Lux@F2.0;Integrated IR cut driver,support Sensor+IR-CUT +LED Linkage control of light supplement, Day/Night
Video Compression	H.265+/H.265/H.264 code format,Double stream ,PAL/NTSC
Frame Rate	3MP@15fps
Image Output	Main stream:2304×1296，1280×720
	Sub stream:640×360
Audio Interface	1*MIC input,1*loudspeaker output;
Audio Compression	G.711,Support two-way voice intercom function and audio and video synchronization;
Network	10/100M Base-TX Ethernet, RJ45 Connector HTTP,TCP/IP,IPv4,DHCP,NTP
Protocols	HTTP,TCP/IP,IPv4,DHCP,NTP
Signal Interface	1*IRCUT interface, support the control of IR-CUT and image linkage;
Upgrade Maintenance	Support OTA upgrade
Business Functions	Support OSD, real-time video transmission, mobile detection and human shape detection
WIFI	Support 2.4G wireless
ONVIF	UnSupport
Remote Unlock	Support
Power Supply	DC12V
Dimensions	67.32mm×66.92mm×134.34mm （W×D×H）
Working Temperature	-10℃～+70℃

Model	8310WM Master Station
Image Signal Processor	SOC
Operating System	LINUX
LCD	10.1-inch TFT LCD
Resolution	1280*800
Operation method	Capacitance touch screen
Operation interface	Flat style UI interface, easy to operate
Outdoor camera	Max support 4*Outdoor camera
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Video Compression	H265/H264
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Storage	Built-in 64GB SSD
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Audio Input	Built-in microphone
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Audio Compression Standard	G.711U
Audio Compression Rate	64Kbps
Sound Quality	Supports noise suppression and echo cancellation
APP	Support tuya APP,Support remote intercom and unlock
Network Interface	1 RJ-45 10/100M self-adaptive
WIFI	Support dual WiFi
Alarm output	2-ch
Alarm Output	1-ch
Power Supply	DC12V
Power Consumption	＜10W
Working Temperature	-10℃ ～55℃
Working Humidity	10%～90%
Dimensions	270mm*165mm*30mm

DIMENSIONS

165mm

270mmm

30mm

78mm

60.15mm

8.3mm

124mm

89.5mm

6.5mm

75mm

175mm

52mm

67,32

134,34

66,92

Thanks for reading

Products

IP Video Intercom
Products
Mobile Products
Thermal Products
Underwater Cameras
Camera Modules
Network Cameras
Analog Cameras
Special Cameras
Video Recorder/Kits
Peripheral Products

Solutions

Industry
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Application

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Where To Buy

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