



# 2

# **2** wiires

## 2 Wire Tuya smart IP door entry system for your security



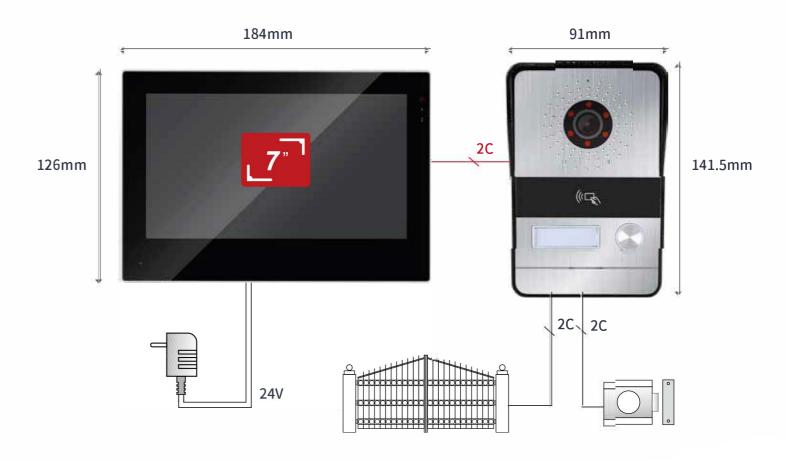
- ✓ It is connected to the door intercom system via 2-wire IP full-duplex technology and become indispensable in your everyday life.
- With your smartphone at hand, you can remotely open a door or a motorized gate for your visitors even you are not able to reach doorstep.

# **Product** Features

- 2 wire technology for easy installation ,non polarity
- ◆ AHD1080P high definition video signal
- ◆ IP technology full-duplex
- Monitoring function to easily monitor your entrance
- Human detection
- Cloud storage (Optional service from Tuya App)
- Connect up to 4 Outdoor call panels +6 Indoor
   Monitors+8 Door Locks
- High definition IPS screen



# **Connection** Diagram



# AHD1080P Outdoor Doorbell









# Connection Diagram-Villa

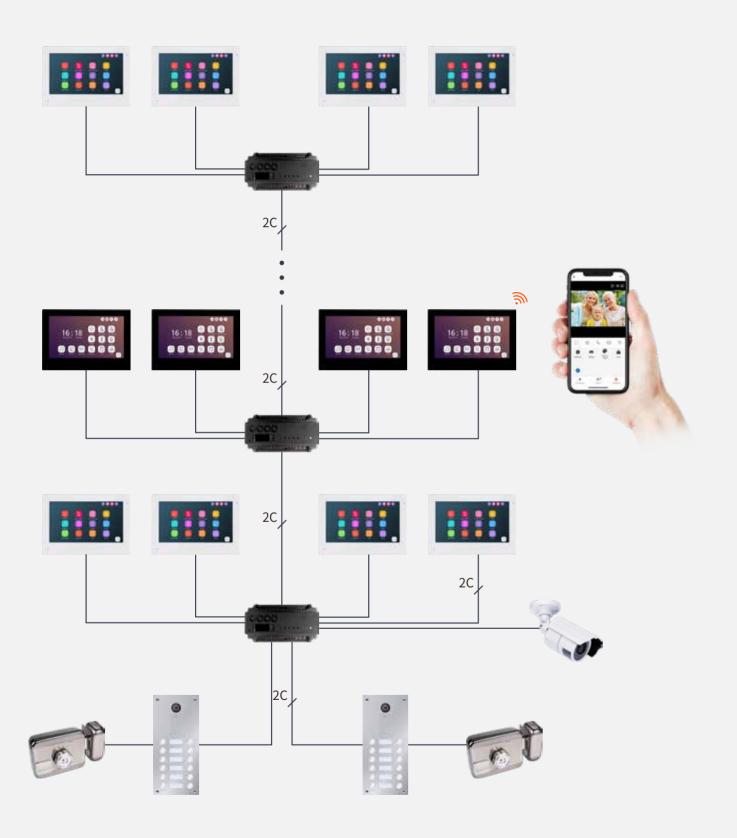
# Specifications



Communication	Digital two wire					
Operating System	Embedded Linux operating system					
Maximum distance	Outdoor call panel – Screen: 200m					
Video Resolution	PAL/NTSC: 2MP (1920*1080P)					
Video compression	H.264					
Screen features	<ul> <li>Colorful 7 inch IPS screen (22.5cm thickness)</li> <li>Resolution: 1024 x 600 pixels</li> <li>Capacitive touch screen</li> <li>Support max. 1TB SD memory card(not included)</li> <li>Power consumption: max. 350mA under standby mode, max. 450mA under working mode</li> <li>Wall mounting</li> </ul>					
Characteristics	1/2.9" CMOS GC2053, color, 1080P high definition					
Tuya Smart / Smart Life APP	Support, connect with mobile phone under Wi-Fi					
Mobile monitoring	Support iOS and Android					
Motion Detection	Yes					
Ringtone	10 ringtones, set the music of SD card as ringtone is available					
Leave a message	YES					
Clock / Screen OFF / Photo Frame	Yes, adjustable					
Menu	3 kinds of personalized menu styles					
Digital Noise Reduction	Supported					
Power Supply	DC 24V/1.6A					
Audio interface	Support SPK microphone					
Audio compression	G.711 compression, support two-way Talk, support for audio and video synchronization					
Outdoor call panel	<ul> <li>Angle of view: H 124°/V 67°, Diagonal 148°</li> <li>With IR-CUT</li> <li>Night Vision: Invisible IR LEDs</li> <li>Illuminated bell button: Yes</li> <li>Power consumption: max. 100mA under standby mode, max. 200mA under working mode</li> <li>Wall mounting</li> </ul>					
RFID tags	ID cards (Optional)					
Operating temperature	<ul> <li>Indoor monitor: -10° C to + 40° C</li> <li>Outdoor call panel: -40° C to + 50° C</li> </ul>					
Waterproof	IP54					
Color	<ul> <li>Indoor monitor: ABS plastic case + Acrylic panel in white/black</li> <li>Outdoor call panel: Metal case + Acrylic panel in Silver</li> </ul>					
Dimension	<ul> <li>Indoor monitor: 184(L)*126(H)*22.5(D) mm</li> <li>Outdoor call panel: 141.5(H)x91(W)x40(D)mm</li> <li>Kit box: 240(L)x170(W)x99(D)mm</li> </ul>					
System Capacity	4 Outdoor call panels +6 Indoor Monitors +8 Door Locks					
Certificate	CE, ROHS,FCC					

# **Connection** Diagram-Apartment

## 2-Wired IP Based Apartment System



# Multi-User Outdoor Doorbell







# **Product Features**

- ◆ Video Record & Playback (SD Card max 1TB)
- Supports TUYA Smart APP / Amazon Alexa / Google Home
- Centralized Power Supply
- ♣ Full HD 2MP Video Performance
- Al Human Detection
- Compatible with IPC (Onvif Protocol)
- Support 4 Doors & 6 Monitors & 8 Locks
- ♣ Up to 255 appartments solution







Full HD

**t**<sup>n</sup>







1TB SD Card

Smart Life



2 Wire



Wi-Fi



Non Polarity





#### **GPS-08**







**GPS-10** 







**GPS-11** 























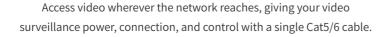








#### Why TCP/IP Video Intercom?



#### **Increase Scalability, Reduce Costs**

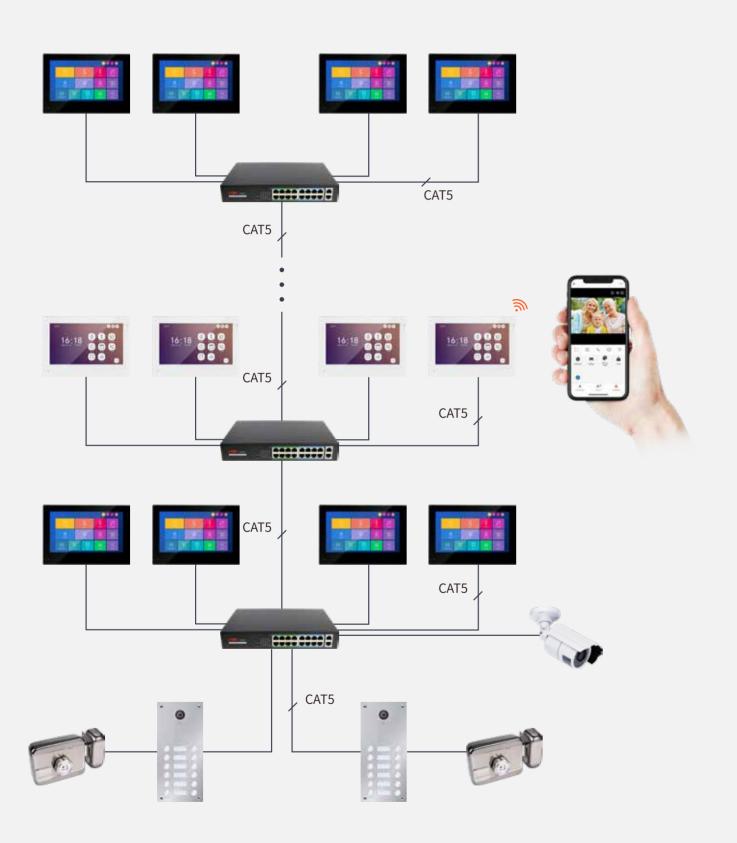






# **Connection Diagram**

## **Digital TCP/IP Apartment System**



# Multi-User Outdoor Doorbell







# **Product** Features

- ♣ Full Duplex Communication
- ♣ Al Human Detection
- Compatible with IPC (Onvif protocol)
- ◆ PoE/ 24V DC Power Supply
- ◆ Video Record & Playback (SD card max 1TB)
- ◆ Up to 255 appartments solution



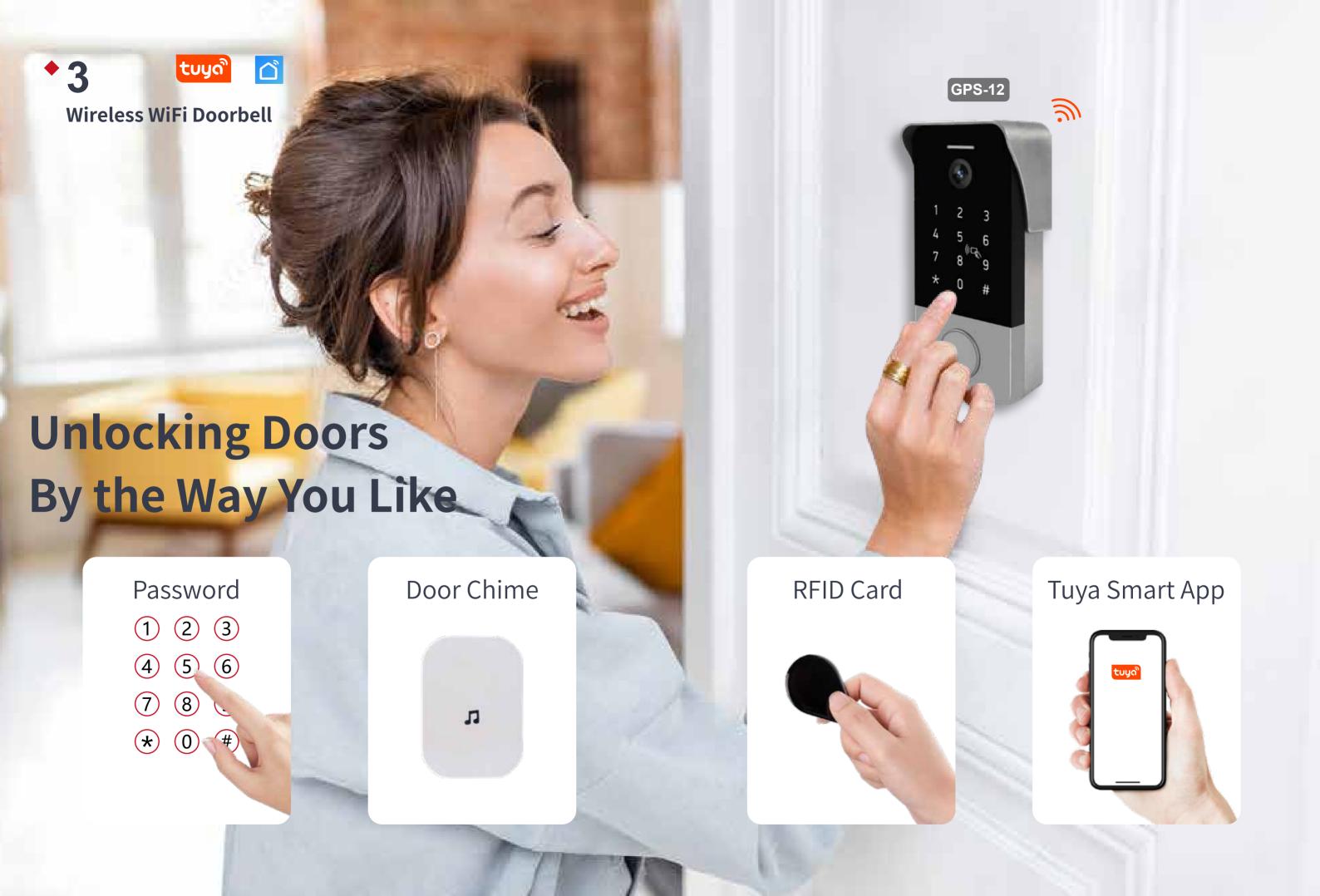


POE





Wi-Fi



**•** 3





Wireless WiFi Doorbell

# Staying Connected

# **Wherever You Are**







# **♦** Wi-Fi DVR video intercom 1080P





Model	GPS-16					
Material	Metal					
Dimension	270*180*24.4mm					
Display Screen	10.1 Inch Colorful IPS MIPI glass touch screen					
Display Resolution	1920 × 1080					
Menu Style	3 kinds of personalized menu					
APP	Tuya Smart /Smart Life					
Memory	1TB. max., not included					
Video input	AHD					
Video compression	H.265					
Audio Input	Built-in Omnidirectional Microphone					
Audio Output	Built-in Loudspeaker					
Audio Quality	Noise Suppression and Echo Cancellation					
Four-Wire Interface	<ul> <li>1-ch Video Input,</li> <li>1-ch Audio Input/Output,</li> <li>1-ch Power Supply,</li> <li>1-ch Grounding</li> </ul>					





# DVR Video Intrcom



Operating System	Embedded Linux operation system				
System Capacity	2 Outdoor Station +2Camera+6Monitor+3 Locks				
Motion Detection	4CH Motion detection for video record				
Intercom Mode	Hands Free 2 way intercom				
Leave a message	YES				
Clock	YES				
Photo Frame	YES				
Media player	Support MP3/MP4 movie or music				
Snapshot / Video	YES, save automatically in the memory card				
DVR	YES				
Notification	Real-time notification to mobile phones				
Mode	At home/ Not at home / Dormant				
Unlock	Support monitor and Mobile phone unlock				
Power Supply	DC adapter or AC power				
Working Temperature	-10° C ~ +50° C				
Installation	Wall mounting				









# 7inch Capacitive Glass Touch Screen

#### • GPS-18















Dimension: 179x 128.5x 21mm



*IPS* 











#### • GPS-20



#### Dimension: 174 x 130x 20.5mm

















# 7inch Capacitive Glass Touch Screen

#### • GPS-22



Dimension: 184 x 126x 22.5mm











Dimension: 183 x 128.8x 19mm















#### • GPS-24



Dimension: 226 x 151x 23.5mm







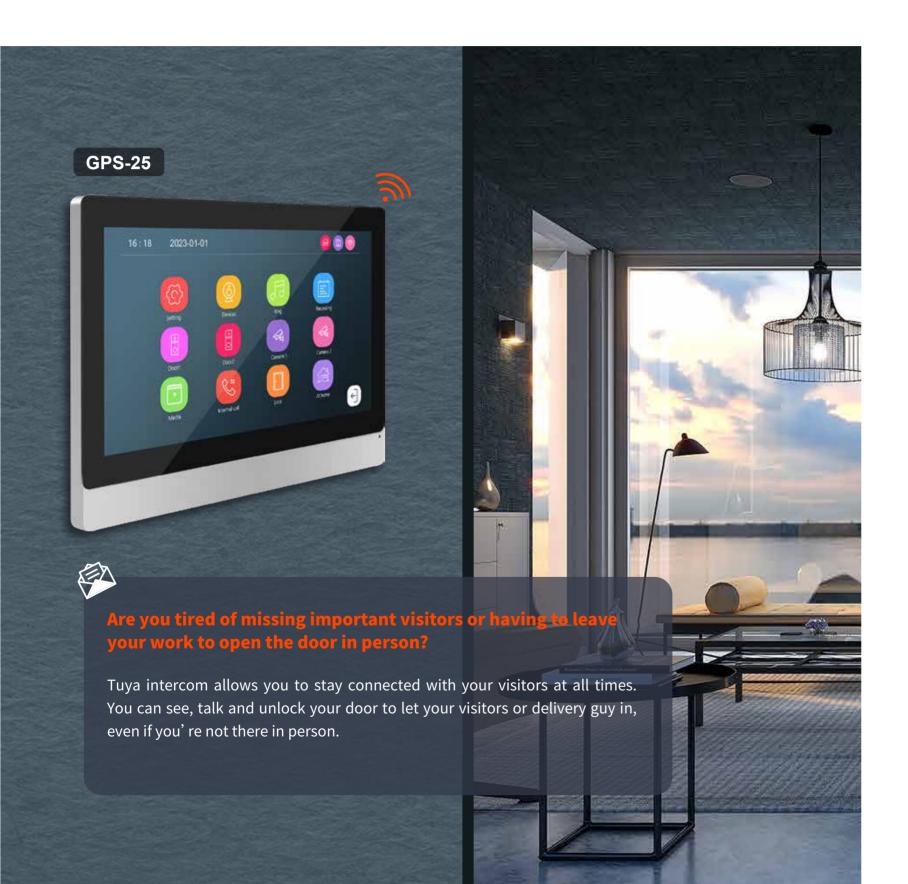












# 7inch Sensor button with motion detection

#### • GPS-26















#### Dimension: 176 x 117 x 20mm















**GPS-27** ● ●



#### • GPS-28



#### Dimension: 175.5 x 122.5 x 21.5mm







0





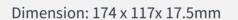


# 7inch Full HD intercom support release 3 locks

#### • GPS-30



















GPS-31 ● ●

#### • GPS-32



#### Dimension: 178.5 x 134 x 16.5mm





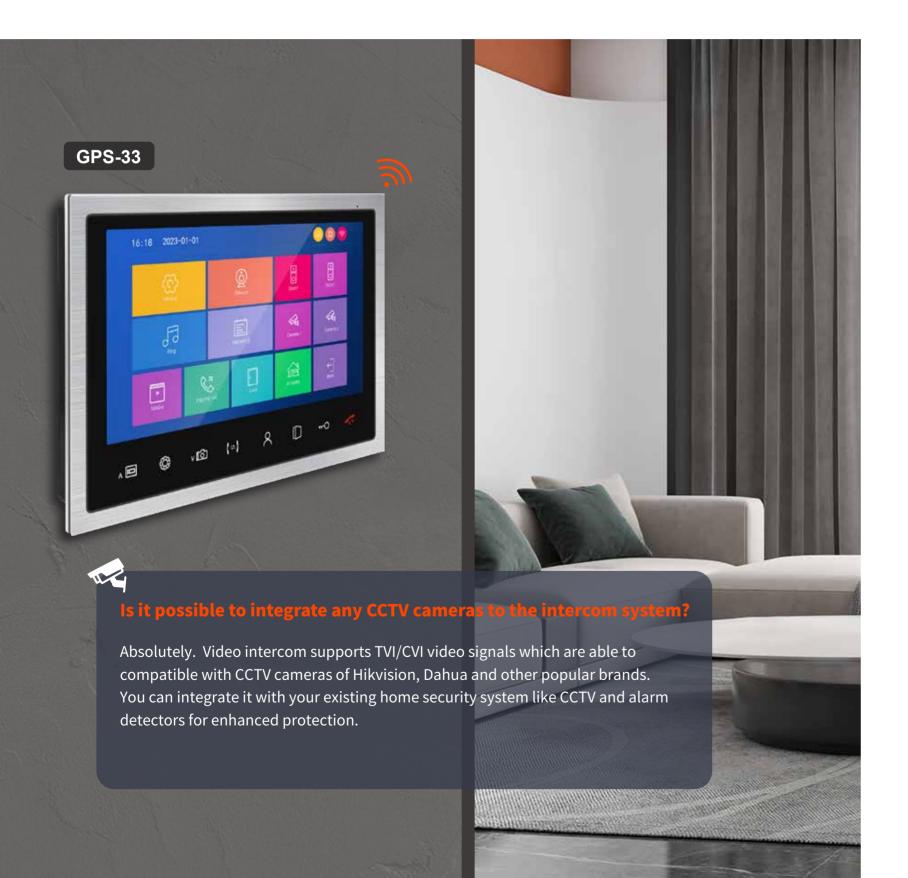












# 10inch Capacitive Glass Touch Screen

#### • GPS-34















GPS-35 ● ●

#### Dimension: 174 x 117x 17.5mm



IPS













#### • GPS-36



#### Dimension: 270x 180x 24.4mm

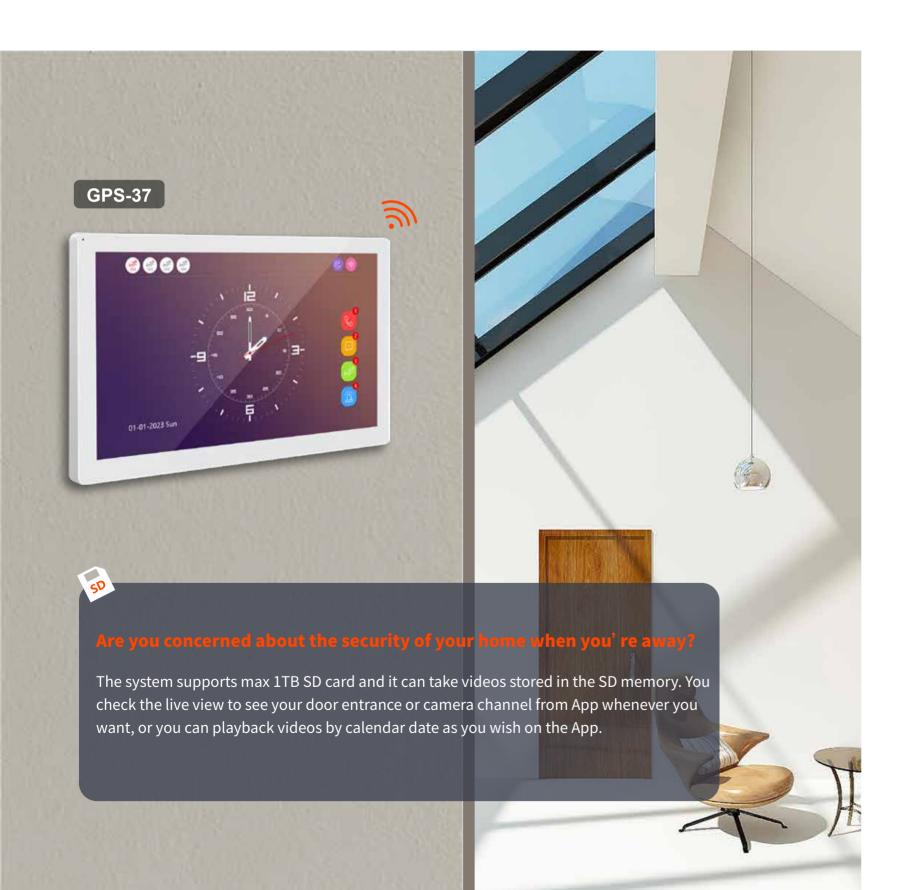








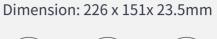




# 10inch Capacitive Glass Touch Screen

#### • GPS-38











#### Dimension: 174 x 117 x 17.5mm















#### • GPS-40



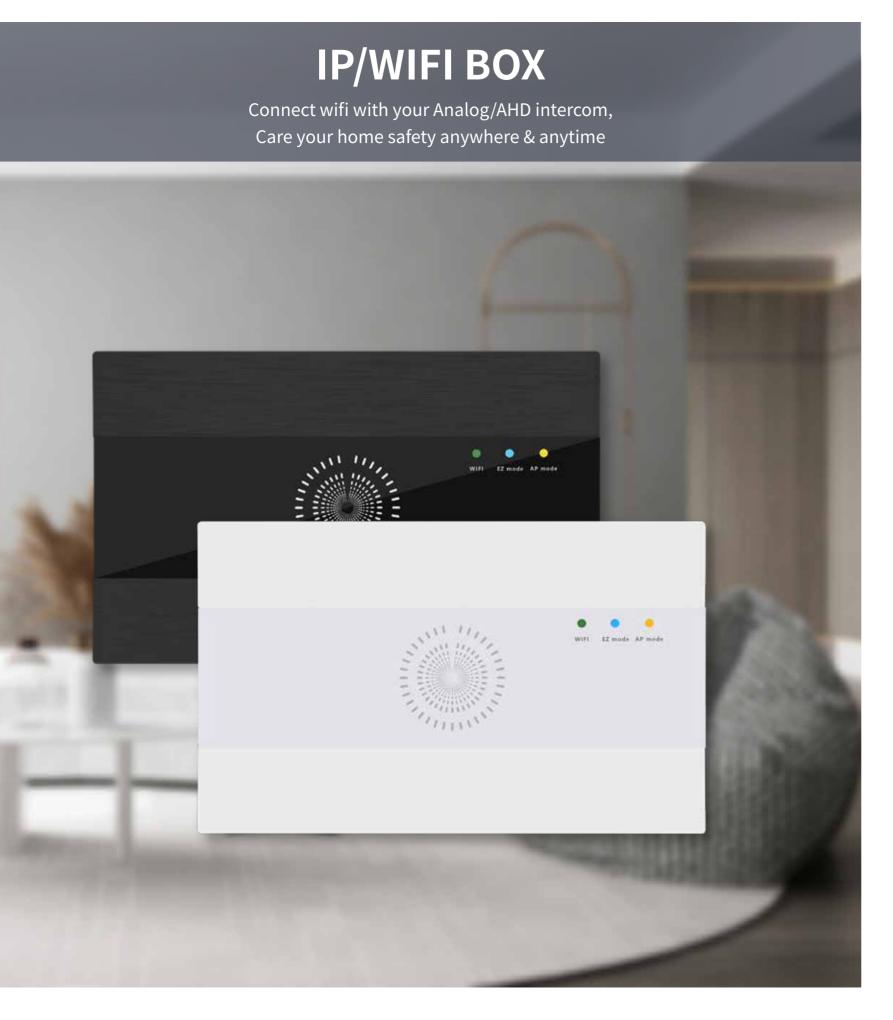
#### Dimension: 249 x 181.5 x 23mm













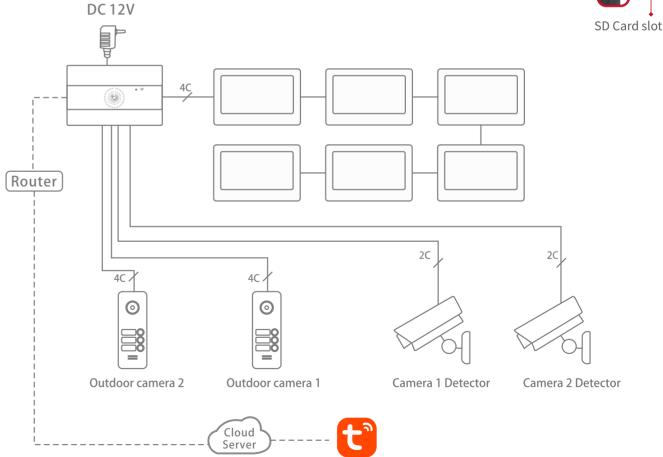




### **WIFI Converter**

- 1. IP/WiFibox is compatible to any of our old and new products
- 2. All old and new users also can use WiFi/IP box to extend to smart phones
- 3. With IP/WiFi box, no matter where you are, you won't miss any visitor to your house
- 4. Support 128G SD card
- 5. Simple and easy DIY setup
- 6. Support Android/iOS devices
- 7. Support smart phone 3G/4G/WIFI connection
- 8. Remote opening the door
- 9. Two types of Net Configuration Modes
- 10. Wifi or wired router enabled for option
- 11. Support multiple smart phone users
- 12. Support villa and multi-apartment systems





4 Wire AHD Door Entry System GPS-41





**GPS-43 Mirror** 



GPS-44



**GPS-45** 



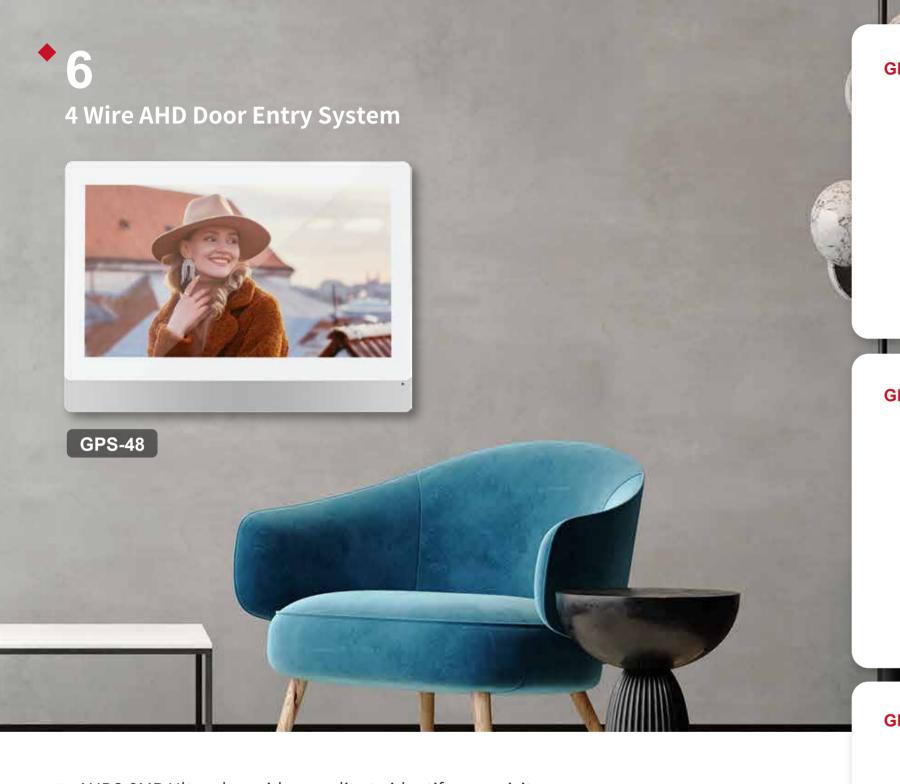
- ◆ AHD2.0MP Ultra clear video quality to identify your visitors
- Stay secure with video storage record and playback function
- ★ Max 128GB SD card for video record and media player
- ◆ 4CH Motion detection to safeguard your home in a peace of mind way
- ♠ Modes: Home/Not at home/Dormant to indicate your status
- ◆ Powerful system max support 2 outdoor panels, 6 monitors and 2 CCTV cameras

**GPS-46** 



**GPS-47** 





**GPS-49** 



#### **GPS-50**



**GPS-51** 



**GPS-52** 

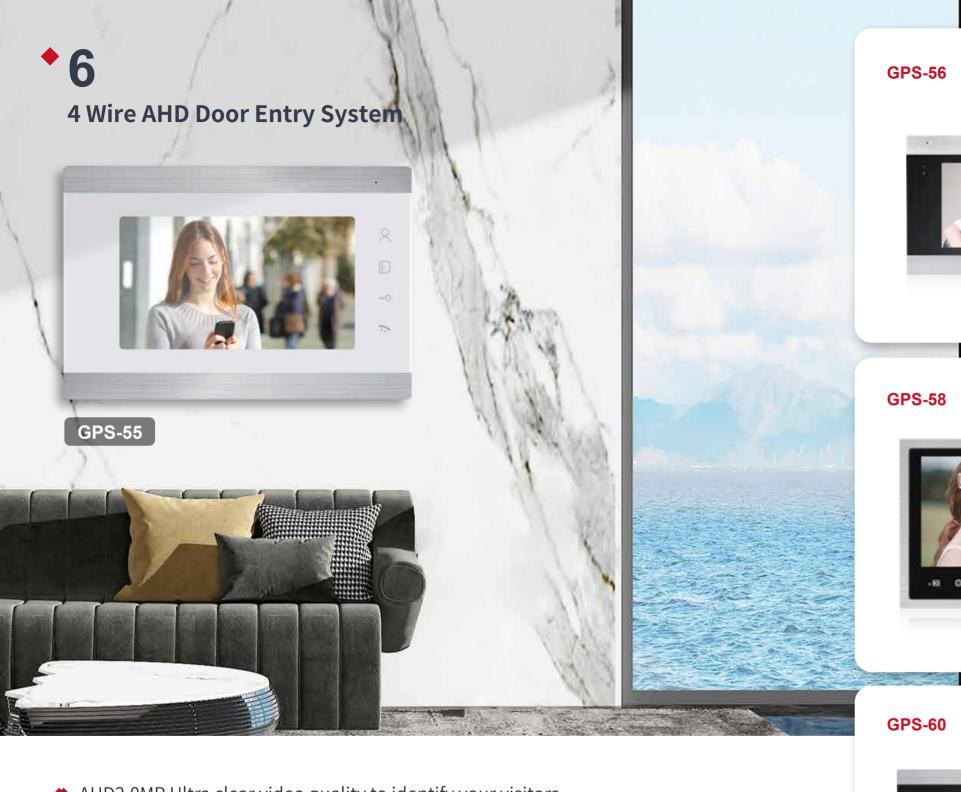


- ◆ AHD2.0MP Ultra clear video quality to identify your visitors
- Stay secure with video storage record and playback function
- ◆ Max 128GB SD card for video record and media player
- ◆ 4CH Motion detection to safeguard your home in a peace of mind way
- ♠ Modes: Home/Not at home/Dormant to indicate your status
- ◆ Powerful system max support 2 outdoor panels, 6 monitors and 2 CCTV cameras



**GPS-54** 









**GPS-59** 

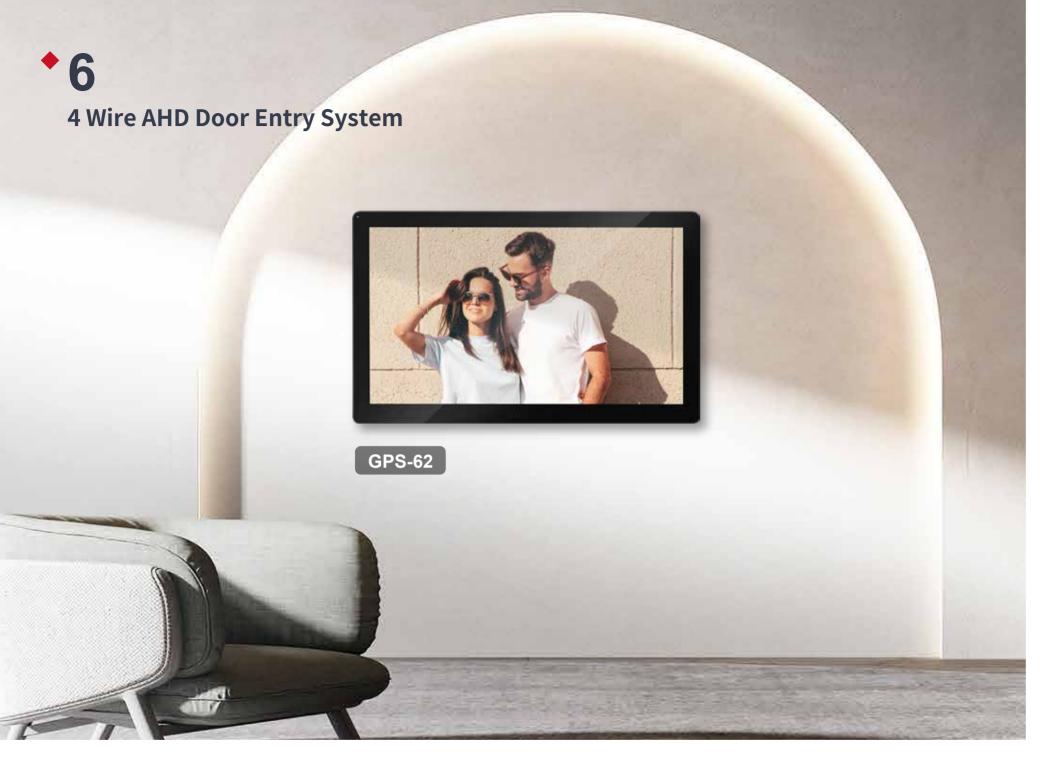




**GPS-61** 



- ◆ AHD2.0MP Ultra clear video quality to identify your visitors
- Stay secure with video storage record and playback function
- ◆ Max 128GB SD card for video record and media player
- ◆ 4CH Motion detection to safeguard your home in a peace of mind way
- ♠ Modes: Home/Not at home/Dormant to indicate your status
- ◆ Powerful system max support 2 outdoor panels, 6 monitors and 2 CCTV cameras



- ◆ AHD2.0MP Ultra clear video quality to identify your visitors
- Stay secure with video storage record and playback function
- ◆ Max 128GB SD card for video record and media player
- ◆ 4CH Motion detection to safeguard your home in a peace of mind way
- ♠ Modes: Home/Not at home/Dormant to indicate your status
- ◆ Powerful system max support 2 outdoor panels, 6 monitors and 2 CCTV cameras





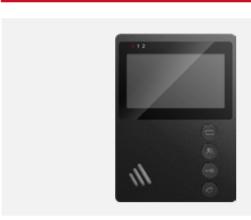


# **7** Analog Video Door Phone





- ♣ 4.3inch LCD screen
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- ◆ Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 2 locks
- Motion detection



GPS-67

- 4.3inch LCD screen
- Manaul button
- Video record, snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- ◆ Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 2 locks
- Motion detection



**GPS-68** 

- 4.3inch LCD screen
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ◆ Leave a message when not at home mode
- Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection



- 4.3inch LCD screen
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection

# 7 Analog Video Door Phone



Video record ,snapshot pictures when visitor press the doorbel

• Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 2 locks

◆ 7inch LCD screen with 1024\*600

Support Max.32GB memory card

♣ Leave a message when not at home mode

Manual button

Motion detection

**GPS-70** 

- ◆ 7inch LCD screen with 1024\*600
  - Crystal clear screen with Sensor button
  - Video record ,snapshot pictures when visitor press the doorbel
  - ♣ Leave a message when not at home mode
- ◆ Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection



**GPS-72** 

- ◆ 7inch LCD screen with 1024\*600
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection



**GPS-73** 

- ◆ 7inch LCD screen with 1024\*600
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 2 locks
- Motion detection



GPS-71

# ↑ 7 Analog Video Door Phone





- ◆ 7inch LCD screen with 1024\*600
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection



GPS-75

- ◆ 7inch LCD screen with 1024\*600
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection



GPS-76

- ◆ 7inch LCD screen with 1024\*600
- Crystal clear screen with Sensor button
- Video record ,snapshot pictures when visitor press the doorbel
- ♣ Leave a message when not at home mode
- ◆ Support Max.32GB memory card
- Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection



- ◆ 10.1inch LCD screen with 1024\*600
- Crystal clear screen with Sensor button
- ♦ Video record ,snapshot pictures when visitor press the doorbel
- ◆ Leave a message when not at home mode
- Support Max.32GB memory card
- ◆ Up to connect 2 call panels, 2 cameras, 6 indoor monitors, 3 locks
- Motion detection

Video Door Phone		8	7	6	4	1	2	3
جُنِّ System Capacity	Max to support connect 1 call panel + 1 indoor monitor	Max to support connect 2 call panel + 4 indoor monitor	Max to support connect 2 call panel + 2 camera + 6 indoor monitor	Max to support connect 2 call panel + 2 camera + 6 indoor monitor	Max to support connect 2 call panel + 2 camera + 6 indoor monitor	Max to support connect 4 call panel + 6 indoor monitor	Max to support connect 4 call panel + 6 indoor monitor	_
Screen Resolution	800*480	800*480	1024*600	1024*600	1024*600	1024*600	1024*600	_
SD Card	_	_	Max support 32G SD card	Max support 128G SD card	Max support 1TB SD card	Max support 1TB SD card	Max support 1TB SD card	Max support 128G SD card
Built in 20 picture	_	_	*	_	_	_	_	_
Video input	CVBS	CVBS	CVBS	CVBS / AHD / CVI / TVI	CVBS / AHD / CVI / TVI	1080P	1080P	AHD 1080P
Communication method	4-wires	4-wires	4-wires	4-wires	4-wires	2-wires	Cat5/Cat6	Cat5/Cat6
Talking	<b>✓</b>	*	<b>≠</b>	<b>✓</b>	<b>✓</b>	*	<b>✓</b>	<b>✓</b>
Unlock	<b>✓</b>	*	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Monitoring	*	*	*	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
( ← ) Transfer calling	<b>✓</b>	*	*	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
internal Calling	_	*	*	*	*	1	*	<b>✓</b>
( ⇌ ) Point to Point Transfer calling	_	_	*	*	*	1	<b>✓</b>	_
TV/VIDEO Out	_	1	1	*	_	_	_	_
Photo capture and video recording	_	_	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
MP3&MP4 Player/ clock/photo Frame	_	_	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	_
Leave a message function	_	_	<b>≠</b>	<b>✓</b>	<b>✓</b>	*	<b>✓</b>	_
Digital Zoom	_	_	<b>≠</b>	<b>✓</b>	<b>✓</b>	*	<b>✓</b>	_
Ruil-in Motion Detection	_	_	1CH	4CH	4CH	4CH	4CH	<b>✓</b>
Motion detection display	_	_	_	_	✓	*	✓	_
Supports TUYA Smart APP /Amazon Alexa/Google Home	_	_	_	_	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>
Multi-Language for option	_	<b>✓</b>	*	*	*	<b>✓</b>	<b>✓</b>	<b>✓</b>
3 type of OSD Menu,change at any time as you like	_	_	_	_	*	<b>✓</b>	*	_
TUYA APP Real Time Control unlock,2 way talk ,snapshot,recoding	_	_	_	_	*	<b>✓</b>	*	<b>✓</b>
Support IOS & Android smart phone	_	_	_	_	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>
) ≱√2) IP technology Full-Duplex	_	_	_	_	_	<b>✓</b>	*	<b>✓</b>

# **Economical Video Intercom**



**GPS-78** 

- ◆ 4.3inch LCD screen
- Manual button
- **♦** Resolution :480\*272
- Up to connect 2 call panels, 6 indoor monitors, 2 locks
- Able to talk/unlock/monitor/transfer call/ intercom
- ₩ With 16 ringtones
- ♠ ABS plastic case

4.3inch LCD screen

Resolution:480\*272

♦ With 16 ringtones

◆ ABS plastic case

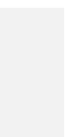
Sensor button

◆ Color UI Interface/ Clock Interface

◆ Color UI Interface/ Clock Interface



**GPS-79** 



**GPS-80** 

- ♣ 4.3inch LCD screen Sensor button
- Resolution:480\*272
- Up to connect 2 call panels, 6 indoor monitors, 3 locks

• Up to connect 2 call panels, 6 indoor monitors, 3 locks

Able to talk/unlock/monitor/transfer call/ intercom

- Able to talk/unlock/monitor/transfer call/ intercom
- ♦ With 16 ringtones
- ♠ ABS plastic case
- ◆ Color UI Interface/ Clock Interface



- ♣ 4.3inch LCD screen
- Sensor button with handset
- Resolution:480\*272
- Up to connect 2 call panels, 6 indoor monitors, 2 locks
- Able to talk/unlock/monitor/transfer call/ intercom
- ♦ With 16 ringtones
- ◆ ABS plastic case
- ◆ Color UI Interface/ Clock Interface

# **Economical Video Intercom**



GPS-82

- 7inch LCD screen
- Sensor button with handset
- Resolution:800\*480
- ◆ Up to connect 2 call panels, 6 indoor monitors, 2 locks
- ♠ Able to talk/unlock/monitor/transfer call/ intercom
- ★ With 16 ringtones
- ABS plastic case
- ◆ Color UI Interface/ Clock Interface



Manual button

7inch LCD screen

- ♠ Resolution:800\*480
- Up to connect 2 call panels, 6 indoor monitors, 2 locks
- ♠ Able to talk/unlock/monitor/transfer call/ intercom
- ★ With 16 ringtones
- ♠ ABS plastic case
- ◆ Color UI Interface/ Clock Interface





- 7inch LCD screen
- Sensor button
- ♠ Resolution:800\*480
- Up to connect 2 call panels 6 indoor monitors, 3 locks
- ♠ Able to talk/unlock/monitor/transfer call/ intercom
- ★ With 16 ringtones
- ABS plastic case
- ◆ Color UI Interface/ Clock Interface

GPS-84



- 7inch LCD screen
- Sensor button
- Resolution:800\*480
- Up to connect 2 call panels, 6 indoor monitors, 3 locks
- ♠ Able to talk/unlock/monitor/transfer call/ intercom
- ★ With 16 ringtones
- ♠ ABS plastic case
- ◆ Color UI Interface/ Clock Interface

**GPS-81** 



# • 9 Audio intercom

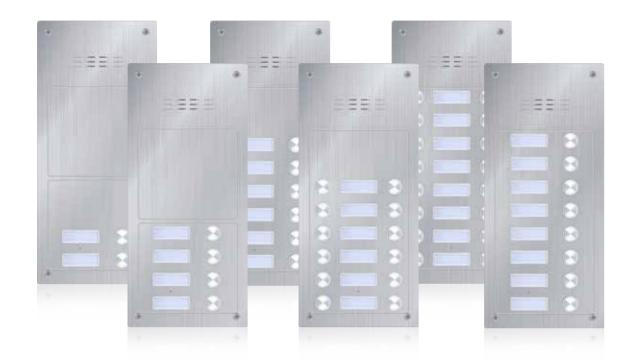
GPS-86 GPS-87 GPS-88

## 2-wire Audio Intercom System -Simple and functional Solution

- Call, speak and lock release
- Clear voice communication
- **◆** LED light indicator on handset
- Dry contact lock output
- Speaker and microphone volume adjustments
- **★** Easy 2-wire connection for power and communication

# Master Unit Audio outdoor station

# **Extension Unit** Audio outdoor station







## 2-wire Audio Intercom System -Simple and functional Solution

- ◆ IP65 waterproof rate to meet different weather conditions
- Equipped with mounting box for flushed installation
- High durability aluminum alloy panel with delicate finish
- Multi-buttons available from 1 buttons to 36 buttons (upon request)
- RFID access optional







#### **GPS-91**

- **◆ Size:** 122\*41\*24mm
- ◆ Accessories: Rain Cover; Deviator (35°)
- ◆ Aluminum Alloy Case



- **Size:** 140\*62\*31.2mm
- ◆ Accessories: Rain Cover; Angle bracket (35°)
- ◆ ABS Plastic Case











With Exit Button Function













#### **GPS-94**

- **◆ Size:** 133x48x21mm
- Accessories: Rain Cover; Angle bracket (35°)
- Aluminum Alloy Case















With Exit Button Function













- **Size:** 133x48x21mm
- ◆ Accessories: Rain Cover; Angle bracket (35°); 5Pcs IC card
- Aluminum Alloy Case









#### \* 1-4 User Door Sation

2.0MP Camera 160° wide angle Name Plate on related owner apartment RFID card to access ◆ **11** GPS-99

**AHD Outdoor Station** 



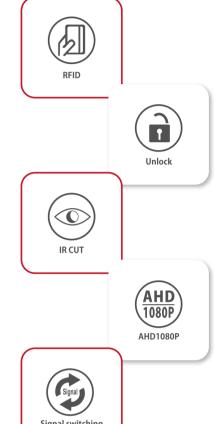


# AHD1080P FULL HD Outdoor Doorbell

#### **GPS-100**



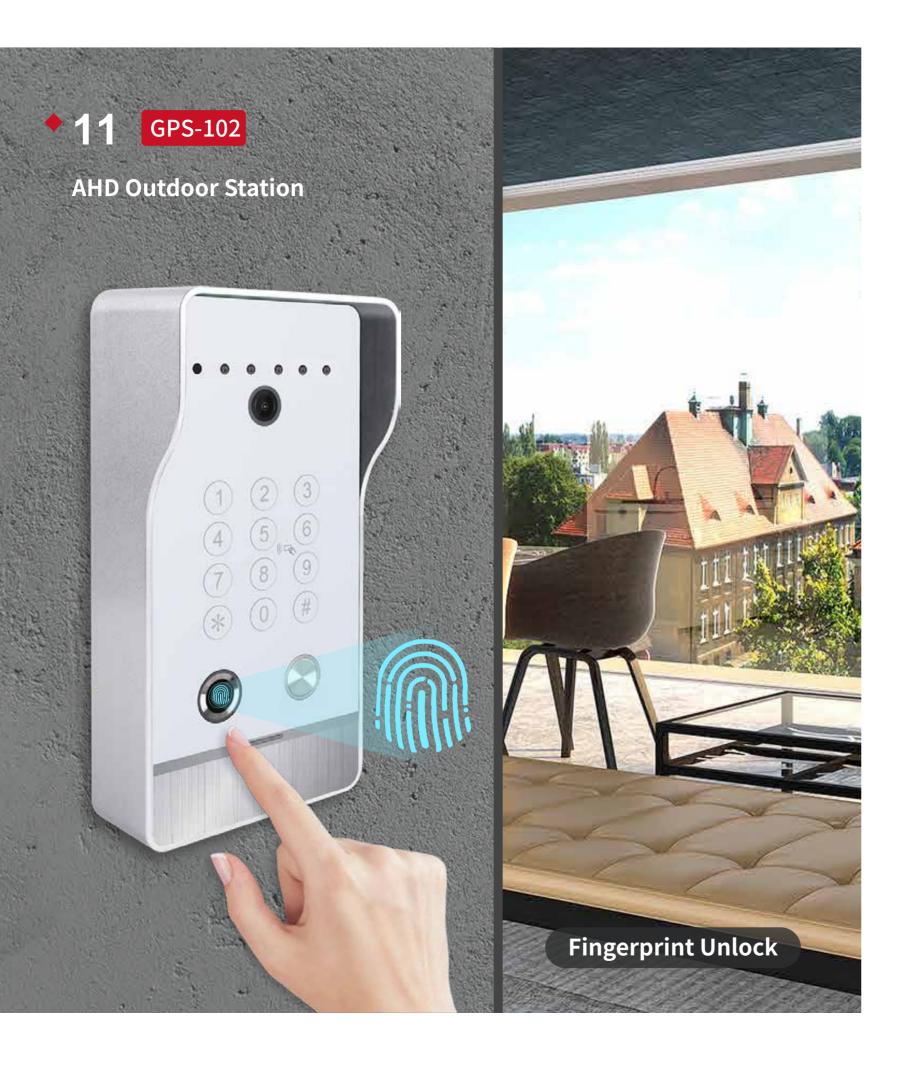












































# GPS-105

#### **AHD Outdoor Station**





# AHD1080P FULL HD Outdoor Doorbell



#### **GPS-106**

- **Size:** 134\*50\*20mm
- ◆ Accessories: Rain Cover; Angle bracket (35°)
- Aluminum Alloy Case



- **Size:** 134\*50\*20mm
- ◆ Accessories: Rain Cover; Angle bracket (35°)
- Aluminum Alloy Case





















**GPS-108** 

**AHD Outdoor Station** 





# AHD1080P FULL HD Outdoor Doorbell



#### **GPS-109**

- **Size:** 134\*50\*20mm
- ◆ Accessories: Rain Cover; Angle bracket (35°)
- Aluminum Alloy Case



- **Size:** 134\*50\*20mm
- ◆ Accessories: Rain Cover; Angle bracket (35°)
- Aluminum Alloy Case











With Exit Button Function



Support Set intercom Volume

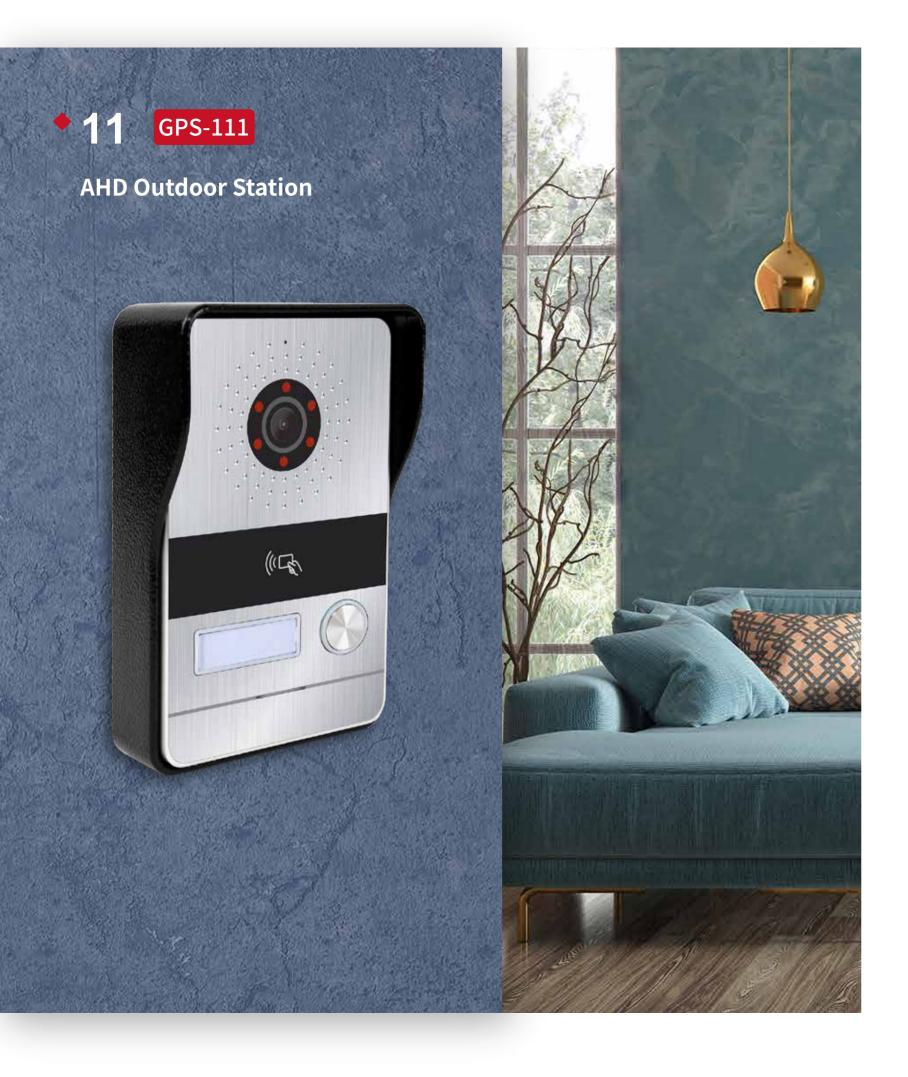




Support switch signal from 1080P-720P-CVBS







#### **GPS-112**





- **Size:** 137\*85.5\*23.5mm
- ◆ Accessories: Rain Cover; Angle bracket (35°)
- Aluminum Alloy Case







Waterproof IP65













◆ 1 1 GPS-114

**AHD Outdoor Station** 





# AHD1080P FULL HD Outdoor Doorbell



#### **GPS-115/115-1/115-2/** 115-3/115-4/115-5

2.0MP Camera 160° wide angle Name Plate on related owner apartment



\* GPS-116/GPS-116-1