

# User Manual

Video Door Phone System  
VDPI-A1

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Version:2018

# COLOR VIDEO DOOR PHONE (VDPI-A1)

- Please carefully read this User's Guide(in particular, precautions for safety) before using a product and follow instructions to use the product exactly
- The parameters of product are subject to changes without prior notice.

## 1、Warning and caution

◎ Make sure to follow the instructions to prevent any danger or property losses.



### 1.Warning

Death or serious injury is expected.

### 2.Caution

A injury or property losses are expected.



It indicates prohibition.



It indicates disassembly.



It indicates prohibition of contact.

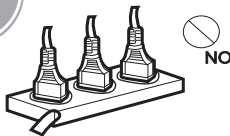


It indicates dos and don'ts.



It indicates that the plug should be pulled out from the socket.

### warning



Do not put the plug in the socket simultaneously.  
It may generate abnormal heat or cause a fire.



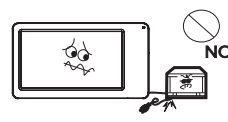
Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.  
Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



Do not connect to other products while in use.  
It may cause breakdown.



Do not install the product in a humid place.  
It may cause an electric shock or a fire.



Do not forcibly bend the cord or put a heavy object on the product.  
It may cause a fire.



Do not forcibly pull out the cord from the socket.  
If the cord is damaged, it may cause a fire or an electric shock.



Do not put the plug in the socket with a wet hand.  
It may cause an electric shock.

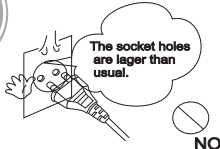


Do not disassemble, repair or modify the product.  
It may cause a fire, an electric shock or an injury due to malfunction of the product.

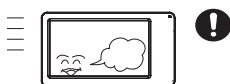


Do not use AC circuit breaker.  
It may cause an electric shock.

### CAUTION



If the socket holes are larger than normal, do not put the plug.  
It may cause an electric shock or a fire.



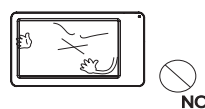
Install the product in a flat and stable place.  
Otherwise, it may not function properly.



Make sure that dust or foreign substances are not gathered on the product.



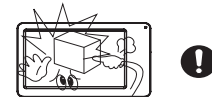
If the product generates strange sound, make sure to pull the plug immediately and contact service center.



Make sure to prevent foreign substances from entering the product.  
It may cause a breakdown.



Avoid direct rays of the sun or heating devices at a time of installation.



Do not put a heavy object on the product.  
It may cause a breakdown.

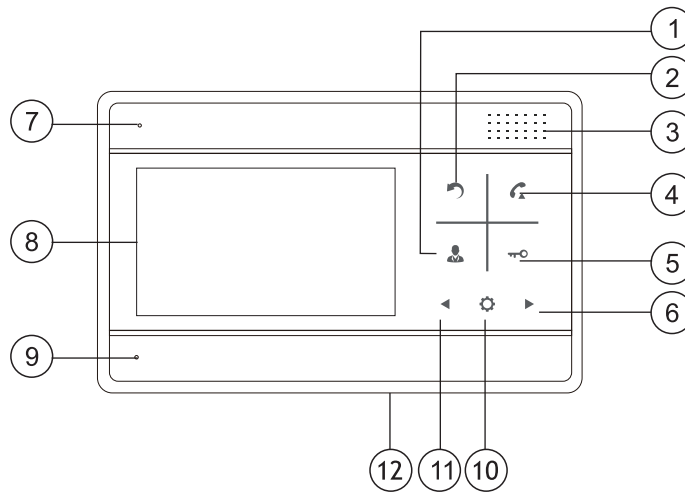


Do not disassemble or give an impact to the product.



Pull the plug if the product is not used for a long time.

## 2、The function and name of each part



- |  |   |
|--|---|
| 1). Monitor button: monitor                          | 7). Indicator light: Power indicator light            |
| 2). Return button: Return /hang off                  | 8). LCD   |
| 3). Speaker  | 9). Microphone  |
| 4). Answer button: answer the call/<br>call transfer | 10). Setting button: Enter system<br>settings/Confirm |
| 5). Unlock button: unlock                            | 11). Navigation button: Adjust -                      |
| 6). Navigation button: Adjust +                      | 12). Power on/off                                     |

## 3、Main future and functions

- ◆ Hands free intercom
- ◆ Lock control
- ◆ Support 2 door stations + slave monitors(up to 3)
- ◆ Color, brightness, contrast, volume and display mode adjustable
- ◆ Real-time monitoring to door station
- ◆ “Don’t disturb” function
- ◆ Makeinternal call to other monitors
- ◆ Broadcast function
- ◆ Monitor listening to another indoor monitor.
- ◆ Touch buttons
- ◆ 12 polyphonic ring-tones switch freely

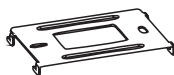
## 4、Package contents



Monitor



User manual



Wall bracket



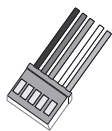
2\*Expansion bolt



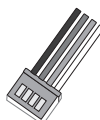
Desiccant



2\*M3.5\*30  
fixing screws



5 pin connector  
(red/blue/yellow/  
white/brown)

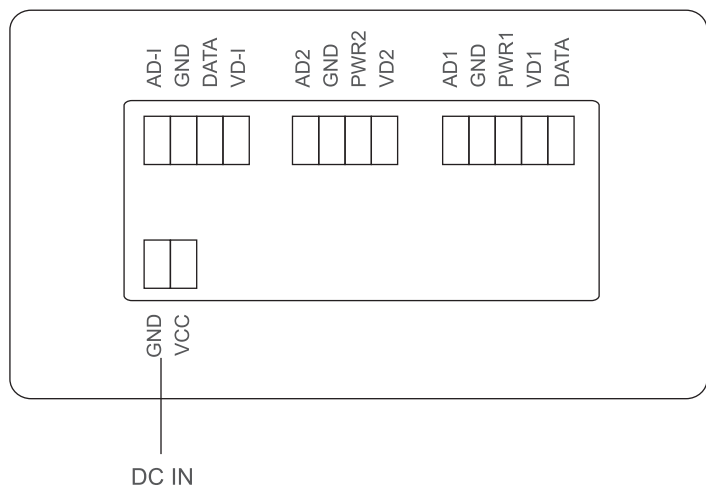
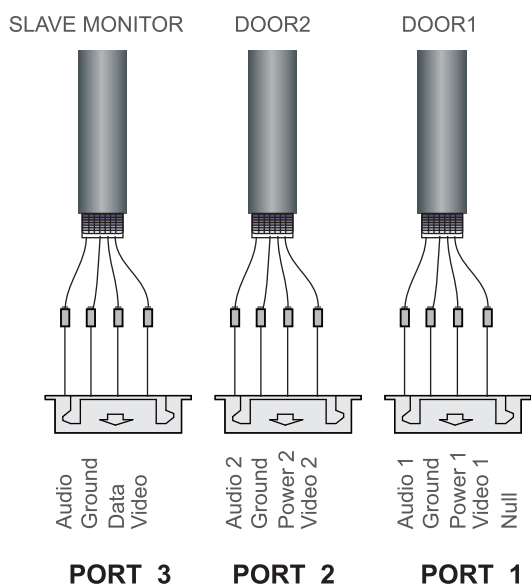


2\*4 pin connector  
(red/blue/yellow/  
white)

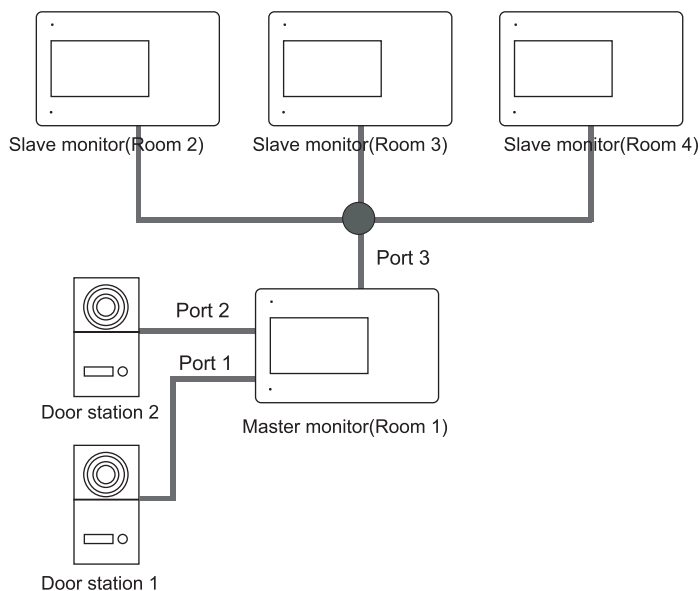


Adaptor

## 5、Terminal wiring diagram

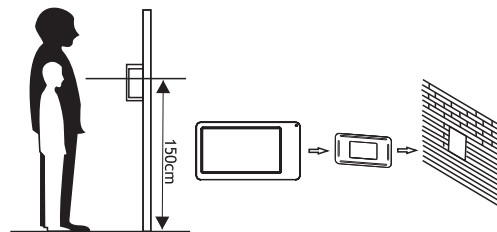


## 6、System wiring diagram



## 7、Installation Guide

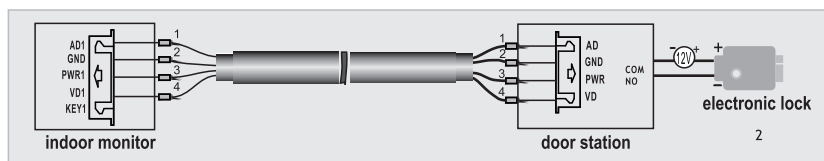
- 1) Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable;
- 2) Determine the indoor monitor position and height, suggest install at 1.5~1.6 meters;
- 3) Ensure no power supply connection before installation finished;
- 4) Connect cables as per the wiring diagram indicated;
- 5) Install the bracket on the wall with expansion bolts and screws;
- 6) Fix the monitor onto the bracket;
- 7) Connect power when indoor monitor is installed.



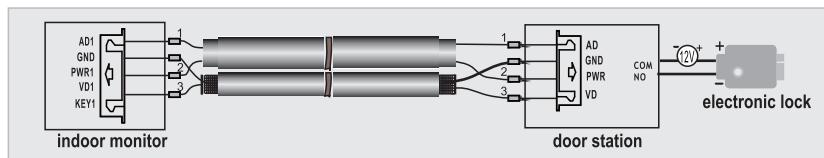
## 8、Cable specification

Our system has 1 solution to unlock the door: unlock signal from door station. Relevant cable specification demand as below:

- ( 1) When the unlock signal from the door station (need additional 12V DC power), cable specification is:  
Distance between monitor and door station is less than 30 meters, RVV 4x0.5mm<sup>2</sup> cable is available



- ◆Distance exceed 30 meters, please choose SYV-75-3+RVV 2\*0.5mm cable;



## 9、Functions in common use

### 1). How to answer the call and transfer the call to other indoor monitors

When call from door station or other indoor monitor, the indoor monitor(s) will chime, short press **answer button** or pick up the handset to answer the call. If no one answers, the monitor(s) shall be back to standby status after chime time end. When the monitor is chiming, or when talk with visitor, short press **unlock button** can unlock the door. When talking with one door station, if some one calls at the other door station, the screen will show relevant indication, short press **answer button** can switch to talk with the other visitor. When at talking status, short press **answer button** can trans-fer the call to other indoor monitors.

When at talking status, short press **monitor button** will switch the screen to other video channel and keep monitoring status; while back to the previous video channel, the device will be back to talk status.  
when at talking status, long press **answer button**, the microphone will be disabled, long press **answer button** again can enable the microphone, screen will show relevant indication when doing the above operations. The above operation is only valid in the present calling, the microphone shall be enabled automatically after the call ends.

### 2). How to use monitoring function

At standby status, short press **monitor button** to monitor Door 1, short press **monitor button** again can switch to another video channel. When monitoring door station channel, short press **answer button** can talk to door station. When talk with door station, short press **unlock button** can unlock the door. If enable MONITOR UNLOCK function in advanced setting, user can short press **unlock button** to unlock the door when monitoring door station.  
If at CCTV status, the longest monitoring time is 4 hours.

### 3). How to make internal call

At standby status, user can short press **answer button** to entre intercom call interface, then short press **navigation button** to choose call target, press **setting button** to confirm calling.  
For indoor monitors installed in multi- apartment system, user can input target room no. then start calling. "0" is the address no. for management center.

### 4). How to make broadcast(handset model does not have this function)

At standby status, user can long press **answer button** to enter broadcast status directly. It shall broadcast to all indoor monitors in the system and could not choose broadcast target ;

### 5). How to use the monitor listening function

At standby status, long press **monitor button** to enter the monitor listening interface, then press **navigation button** to choose the monitor listening target, press **setting button** to confirm monitor listening.

The maximum monitor listening time is 8 hours.

Attention:

- a. At monitor listening status, you can hear the voice from the opposite side, but they can't hear your voice.
- b. At broadcasting status, your voice can be heard by the opposite side, but you can't hear the voice from them.
- c. There must be at least 2 monitors in the system for functions 3), 4) and 5).

#### 6). How to adjust the Volume, Brightness, Chrominance, contrast ratio and display scale.

At video display or audio play interface, user can short press **navigation button** to adjust the volume or brightness. At video display status, when adjust volume/brightness interface, short press **setting button** can switch to adjust other parameters interface: Volume, Brightness, Chrominance, contrast ratio & display scale.

#### 7). How to set the address of indoor monitor.

The default address is Room1. Optional Room1~Room4. The master monitor which connects to door station directly, should be set as Room1. If the system has 2 or more than 2 indoor monitors, can't set a same address in 2 monitors, or the system can't work normally & that option will caution in red color.

#### 8). How to enter system setting?

At standby status, users can long press **setting button** to enter system settings menu.

#### 9). How to enter advanced settings?

To the models that do not installed in the multi-apartment system, users can enter advanced setting by the following way: Restart the monitor, and long press **unlock button** at welcome screen.

To the models that connect in the multi-apartment system, there isn't welcome screen after restart monitor. The indicator shall flicker a few times after restart the monitor, long press **unlock button**, then the monitor shall enter advanced settings menu..

### 10. System setting

No	Setting	Options
1	CHIME TIME	Default 30s, 10-60s optional
2	CHIME VOLUME	01-07 level optional
3	DOOR 1 CHIME TYPE	Default 01, 01-11 optional
4	DOOR2 CHIME TYPE	Default 02, 01-11 optional
5	INTERCOM CHIME TYPE	Default 03, 01-11 optional
6	NO DISTURB	Disable By default, At the ringing, intercom between monitors, broadcast status, the LED will flicker when turn on the function
7	BE MONITORED	Disable by default. It can be monitored by other indoor intercoms in the system when turn on this function.
8	DEVICE ADDRESS	ROOM1 by default. ROOM1-ROOM4 optional. Master monitor must be set as ROOM1 and the option will be yellow if two monitors set the same address.
9	MONITOR UNLOCK	Disable By Default
10	DEV INFO	Device Name: VDPI-A1 Vendor : ZKTECO INC. Manu Time: 2018-6-25
11	RESTORE DEFAULT	Recovery the system

## 11、Specification

NO.	Items	Content
1	Power I nput	DC14.5V , 0.8A
2	Power consumption	5W(Max). 0.3W(In standby)
3	Operation temperature	0℃ to +40℃
4	Operation humidity	0%– 95%
5	Display panel	4.3 inch
6	Intercom function	Hands-free
7	Connection	4 wires
8	Dimension	180*112*17mm
9	Weight	260g

## 12、Advance setting

NO.	Items	Content
1	VCOMDC	Default value 0.change is not available for end user
2	Unlock Time	Unlock time setting for e-lock value range:01–10s
3	EXTEND UNLOCK TIME	unlock time setting for second e-lock Default value:00 ( function off) value range:00–25s



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