

User Manual

Video Door Phone System
VDPI-A2

Version:2018

COLOR VIDEO DOOR PHONE(VDPI-A2)

- 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.

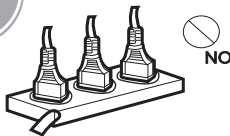


It indicates dos and don'ts.



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.



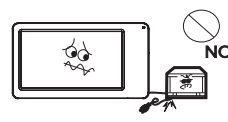
Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.
Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



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.

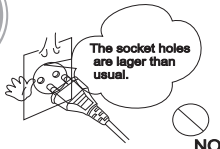


Do not disassemble, repair or modify the product.
It may cause a fire, an electric shock or an injury due to malfunction of the product.

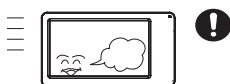


Do not use AC circuit breaker.
It may cause an electric shock.

CAUTION



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



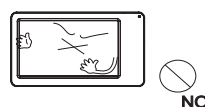
Install the product in a flat and stable place.
Otherwise, it may not function properly.



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



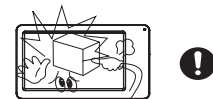
If the product generates strange sound, make sure to pull the plug immediately and contact service center.



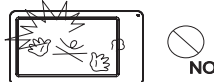
Make sure to prevent foreign substances from entering the product.
It may cause a breakdown.



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.

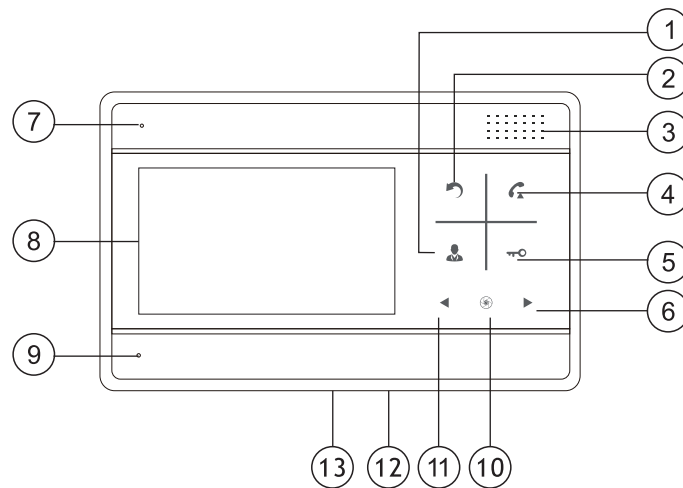


Do not disassemble or give an impact to the product.



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/
call transfer | 10). Menu button: Enter system
settings/Confirm/take pictures |
| 5). Unlock button: unlock | 11). Navigation button: Adjust - |
| 6). Navigation button: Adjust + | 12). Power on/off |
| | 13). Micro SD card Slot |

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
- ◆ Make internal call to other monitors
- ◆ Broadcast function
- ◆ Monitor listening to another indoor monitor.
- ◆ Touch buttons
- ◆ 7 Chord ring-tones switch freely
- ◆ Picture Capture
- ◆ Multimedia function: Photo frame, music playing

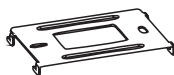
4、Package contents



Monitor



User manual



Wall bracket



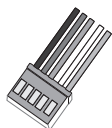
2*Expansion bolt



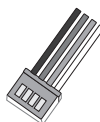
Desiccant



2*M3.5*30
fixing screws



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



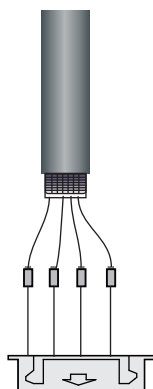
2*4 pin connector
(red/blue/yellow/
white)



Adaptor

5、Terminal wiring diagram

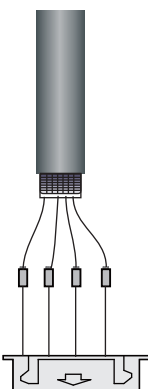
SLAVE MONITOR



Audio
Ground
Data
Video

PORT 3

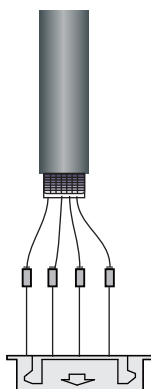
DOOR2



Audio 2
Ground
Power 2
Video 2

PORT 2

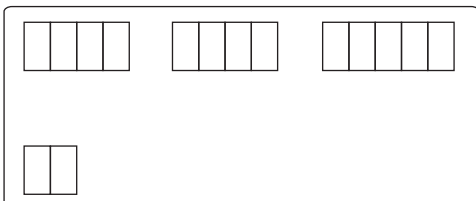
DOOR1



Audio 1
Ground
Power 1
Video 1
Null

PORT 1

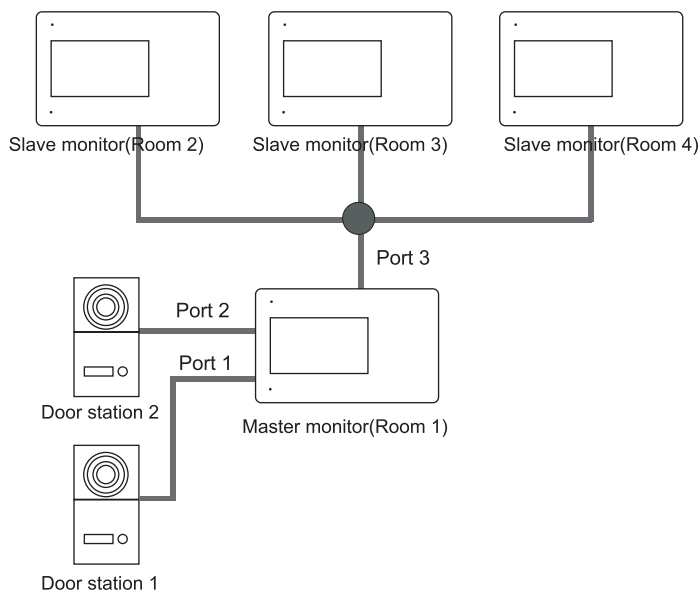
AD-1 GND DATA VD-1 AD2 GND PWR2 VD2 AD1 GND PWR1 VD1 DATA



GND
VCC

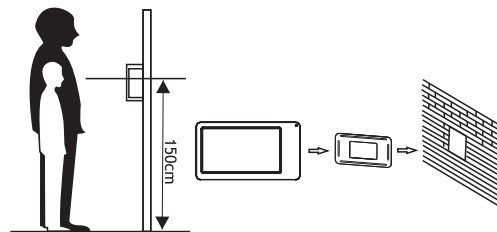
DC IN

6、System wiring diagram



7、Installation Guide

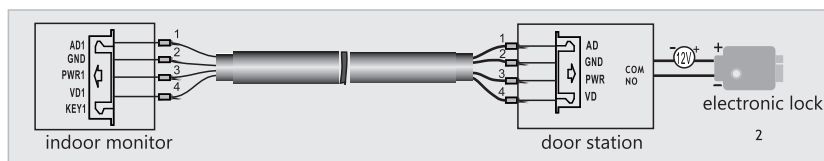
- 1) Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable;
- 2) Determine the indoor monitor position and height, suggest install at 1.5~1.6 meters;
- 3) Ensure no power supply connection before installation finished;
- 4) Connect cables as per the wiring 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.



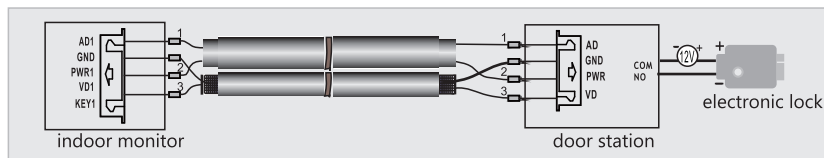
8、Cable specification

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 4x0.5mm² 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 **Menu 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 **Menu 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 **Menu 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?

Users can choose and press system setting icons to enter system setting 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). How to enter the main menu.

At standby status, press **Menu button** to enter the main menu.

In the main menu interface, user can choose to browse pictures, Multimedia, monitoring door station, make internal call, view Calendar and other operations.

11). How to browse pictures.

It can enter picture browsing interface from main menu.

12). How to take pictures.

When there's video signal on screen, user can short press **Menu button** to take a picture.

13). How to delete photos?

On photo menu interface, users can enter delete interface by long pressing and choose the pictures which needed to be deleted.

14). How to view pictures?

On picture viewing interface, users can switch pictures by pressing **navigation button**.

15). How to use multimedia function?

The multi-functions models can play music or pictures. The music files must be in MP3 format, and the picture files must be in JPG format. The music files must be put in directory \MULTIMEDIA\MUSIC in the SD card, and picture files must be put in directory \MULTIMEDIA\PICTURE in the SD card, or the monitor can not find the files.

16). How to upgrade software?

For the models support SD card, users can upgrade the system to be the latest one if needed. And processes are as below: Create a folder named UPGRADE in SD card, and copy the upgrade files into the folder. 2nd, create a txt file named KEY_UPGRADE.txt in the UPGRADE folder. 3rd, insert the SD card into the monitor. 4th, long press **unlock button** at standby state, a system upgrade interface would appear, and users can confirm to upgrade it.

REMARK: Do not cut off power during upgrade process, or the system can only be repaired by factory.

10. System setting

No.	Setting items	Options	Note
1	CHIME TIME	10S ~ 60S	Chime duration time
2	CHIME VOLUME	10% ~ 100%	
3	CHIME TYPE SETTING	DOOR1 CHIME TYPE	00-06 optionals
		DOOR2 CHIME TYPE	00-06 optionals
		INTERCOM CHIME TYPE	00-06 optionals
		RING TONE REPEAT	
4	NO DISTURB	Off by default	if turn on this function, Ring, intercom, broadcasting will be muted. Indicate LED will flash.
5	BE MONITORED	Off by default	If turn on this function, The monitor can be monitor listened by other monitors.
6	ICON NAME	On by default	Appear/disappear the icon names on main menu.
7	AUTO CAPTURE QUANTITY	DISABLE	
		1	Automatically capturing 1 image
		2	Automatically capturing 2 images
		3	Automatically capturing 3 images
8	COPY FILE TO SD CARD	CANCEL	
		COPY	
9	DEVICE ADDRESS	ROOM1 /2 /3 /4	The option will be red if two monitors set the same address
10	MONITOR UNLOCK	Off by default	If turn on this function, The monitor can unlock the door when monitoring
11	SYSTEM TIME SETTING	DATE: DAY-MONTH-YEAR	
		TIME: HOUR: MINUTE: SE COND	
12	ALARM CLOCK SETTING	ALARM CLOCK 1, 2, 3, 4, 5, 6	Each alarm clock can be set separately Since set time, it will alarm every 30 seconds till you turn off the alarm clock.
		ALARM CLOCK CHIME TYPE	8 polyphonic ring-tones options

No.	Setting items	Options	Note
		Clock status	Turn on/off.
		Cycle type: Single/week/month/year	single? only alarm once at the setting time Week: alarm everyday in a week at setting time Month: alarm everyday in a month at setting time Year: alarm everyday in a year at setting time
		Week option	available in cycle type of week. According to different need, user can assign different day for alarm in a week
		Time	set the alarm time. Format: hour: minute
		Date	set working date of alarm clock. Format: year-month-day In single cyle type, Year/month/day are all necessary setting menu. In week cycle type, all setting of year/month/day are necessary. In month Cycle type, DAY is necessary setting. In Year cycle type, Day and month are necessary setting.
13	SYSTEM FORMAT	FORMAT FLASH	
		FORMAT SD CARD	
14	PROGRAM VERSION	Display current software version	
15	DEV INFO	DEVICE NAME/VENDOR/MANU TIME	
16	Background image setting	Background image of intercom and startup picture.	
17	Restore default	Recovery the system	
18	Language	Select system language	

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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