



Video Door Phone

VDP7200MIV



User Manual

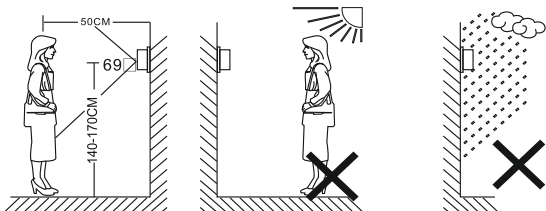
www.zebronics.com

Dear Customer,

Thank you for buying Zebronics Video Door Phone. Please go through the following instructions for a smooth operation.

Safety Instructions

- ◆ Keep the indoor unit away from high temperature such as near an oven or in direct sunlight and high humidity areas such as a bathroom and greenhouse.
- ◆ Do not install the indoor unit close to a television or any item that could cause interference or jamming of signal to the intercom.
- ◆ Do not touch the unit with wet hands.
- ◆ Avoid throwing, dropping or hitting the units.
- ◆ Clean the camera or screen with a soft cloth.
- ◆ Do not use detergent, thinner, volatile or corrosive liquid.
- ◆ Do not expose the camera of the outdoor unit to direct sunlight.
- ◆ To use the product make sure it is barrier free and there is no interference.
- ◆ When a car or a motorbike passes by, the image may become blurred or be cut off due to the interference of radio wave.
- ◆ This Product can be connected to an external UPS for continuous operation during power outages.
- ◆ Fix the unit 1.4m - 1.7m high from the ground (according to the camera effect) so as to avoid direct sunshine.



Features

7" Large Screen

External Storage of Up to 32GB (mSD Card)

IR Night Vision

Two-Way Talkback

Image or Video* Capturing

Door Lock Release

IP65-Rated Waterproofing for Outdoor Unit

12 Melodic Tones

Enables Video Monitoring (up to 1 minute)

Works Up to 2 door bell

Integrated Storage for Up to 150 Images

Specifications

Outdoor Unit

Image Sensor Config. : 2MP 1/3" CMOS

Image Resolution : 960 x 576

Frame Rate : 25 FPS

Lens : 1/3" @F2.94mm

Night Vision : up to 5m

Net. Weight : 105g

Product Dimension : 5 x 2.8 x 13.6 cm
(W x D x H)

Motion Detection : No

Voice Messages	: NA
Camera	: 700TVL
Surface Mount	: Yes
Adjustable Microphone and Speaker Volume	: Yes
LED for Night Vision	: IR LED
Angular Bracket	: Yes
Wifi Enabled	: No
Housing	: Plastic
IP level	: IP65
View Angle	: 120° Wide Angle

Indoor Unit

Screen Size	: 17.78 cm
Screen Resolution	: 1024x600 pixel
Brightness Setting	: Adjustable
Contrast Setting	: Adjustable
Image Adjustment	: Yes
Colour Setting	: Adjustable
Volume Adjustment	: Yes
Night Vision	: IR Night Vision
Talkback Type	: Yes
Door Lock Release	: Yes
External Storage	: Upto 32GB (mSD Card)
Image Storage Capacity	: 150 Images
Video Storage Capacity	: Yes (mSD Card)
Recorded Video Length	: 15 seconds
Indoor Monitors	: 1 Indoor Unit
Input Power	: DC 14.5V
Melody	: 12 Melody Options

Digital Photo Frame	: No
SDRAM (Built-in CPU)	: 64MB DDR2
Effective Area	: Horizontal 120°, Diagonal 145°, Vertical 65°
Microphone	: -42dB
Relative Humidity	: < 90%
Input Voltage	: DC 14.5V, 1A Max.
Power Consumption	: Static State $\leq 3W$, Working State $\leq 10W$
Operating Temperature	: -20 °C to 50 °C
Net. Weight	: 385g
Product Dimension	: 18 x 2.1 x 18 cm (W x D x H)

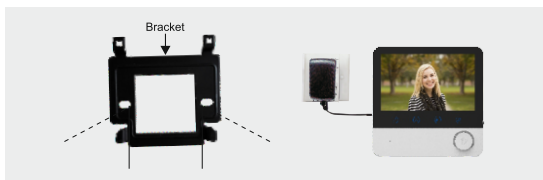
Package Contents:

Indoor Unit	: 1U
Outdoor Unit	: 1U
Mounting Kit	: 1SET
Connectors Kit	: 1SET
Power Adaptor	: 1U
QR Code Guide	: 1U

Installation

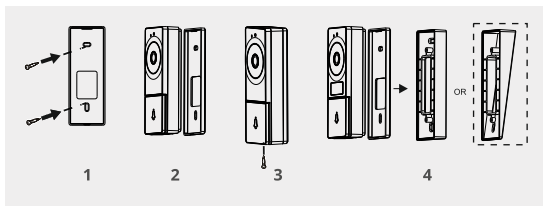
Indoor Unit

1. Screw the bracket on the wall.
2. Hang the unit on the bracket after finishing the connection. Plug the two ends of the jack of the power adapter into the sockets of AC power and the unit separately.

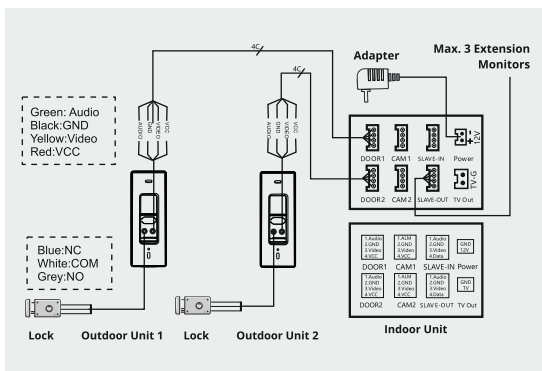


Outdoor Unit

1. Drill proper holes in the wall, plug up the screw holes with silicone caps.
2. Refer to the wiring diagram to do the wire connection.
3. Hang the outdoor unit to the mounting bracket, then fix it with screws.
4. If you need install the outdoor unit on angular bracket, please fix the angular bracket to the wall first, then install the outdoor unit on the angular bracket.



Wiring diagram:

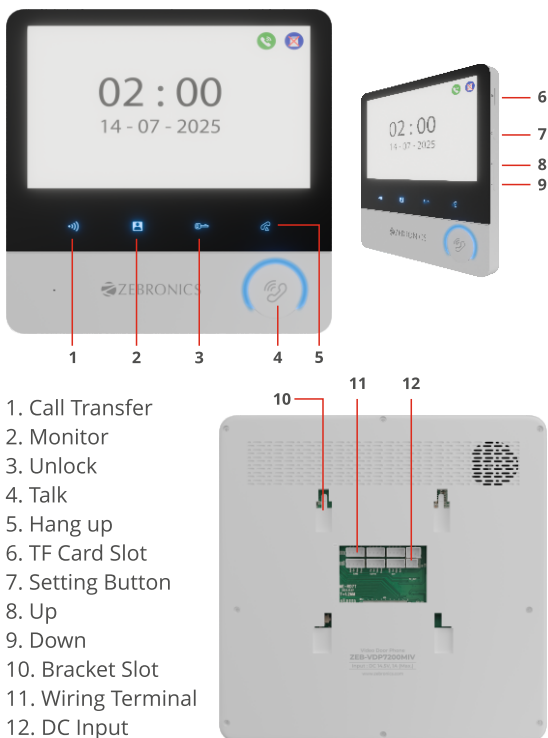


- ◆ When the distance is 10m, use RVV4 x 0.3mm². If the user wants to lengthen the distance to 10m - 30m, use RVV4 x 0.5mm² cable. If the user wants to lengthen the distance to 30m - 50m, use RVV4 x 0.75mm² cable. Connect the wiring terminals 1, 2, 3, 4 of indoor unit with wiring terminals 1, 2, 3, 4 of outdoor unit separately.
- ◆ The wiring terminals of 5, 6 is used for connecting electronic-lock, the electronic lock-connection can be provided with RVV2 x 1.0mm².
- ◆ In order to power the VDP (both Indoor / Outdoor) connect the Power adaptor to the Power port of the Indoor Unit.
- ◆ When we utilize the DOOR1 Port we connect the RVV4 cable with inside the cable we have inner cables and connect the

appropriate inner cables accordingly Green inner cable is for Audio, Black inner cable is for GND / Ground, Yellow inner cable is for Video & Red inner cable is for VCC/Power Same goes for DOOR 2 Port as well.

- ♦ In order to connect the CVBS cameras we can connect it through the CCTV port.

Operation Buttons Indoor Unit






Outdoor Unit



Note : During Intercom press Up/Down button to turn the talking Volume

Operation Instruction



- ♦ The Visitor presses the call button on the Outdoor Unit. A ringtone is heard inside and outside.
- ♦ The Visitor's video output will be automatically displayed on the Indoor Unit.
- ♦ Press the talking button () on the Indoor Unit monitor then the ringing stops. Now you can have a conversation with the visitor on the outdoor unit side.
- ♦ If you connect your Door with the VDP door lock release line then you can press the Door lock release button () to release the locked door.
- ♦ If you want to hang up the conversation then you can press the hang up button on the indoor unit () to end the conversation.

Note:

1. The conversation duration is 120s at a single time.
2. The indoor unit will automatically go into standby mode if you are not at home or have not reached the indoor unit in the 60s.

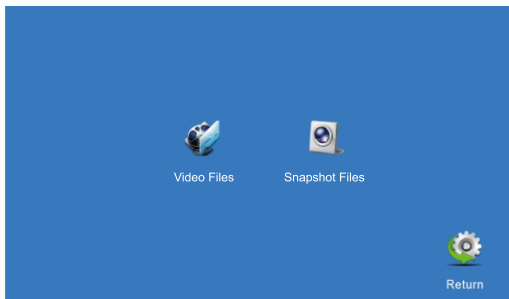
In record mode : It will start recording when the call button is pressed. Press " ≡ " to record another recording. Each recording will last for 14s.

In snapshot mode : It will take a picture when the call button is pressed. Press " ≡ " to take another picture.

In the monitoring state : the machine can listen to the sound of the outdoor machine, you can press the button  to conversation and press the button  to unlock.

Recording Function

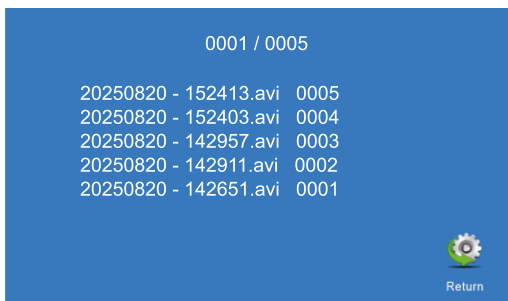
- ◆ In the main menu, move the Highlighted to the option "Files", then press the Menu button (≡) to enter into the "Files" menu. Options include "Video Files" and "Snapshot Files".



Video Recording:

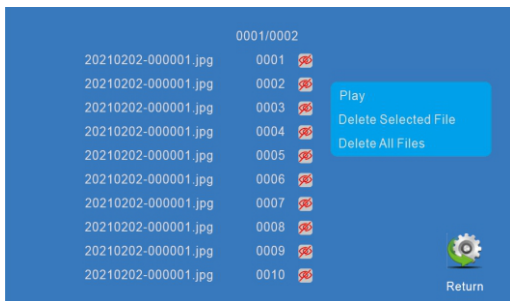
- ♦ When we click the Menu button (≡) navigate it through the upward or downward button (▲ ▼) to move the “Files” Icon in the Indoor unit. Press the Menu button (≡) to enter the “record files list”.
- ♦ Then choose the “Video Files” to enter into the recorded video files list. The Red highlighted Video icon is currently selected to scroll upward or downward press the upward or downward button (▲ ▼).
- ♦ Press the Menu button (≡) to choose between Play , delete current files or delete all files.
- ♦ During Playback scroll the upward or downward button (▲ ▼) to navigate between previous / next video files and press the Menu button (≡) to exit the playback.

Note : The video function works only when we insert the SD Card at the indoor unit port.

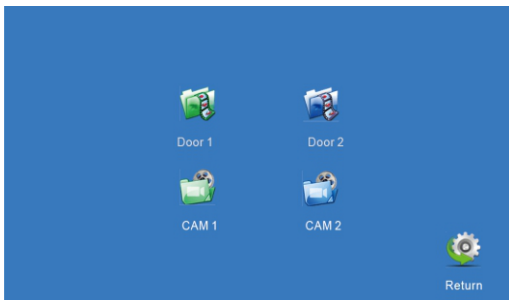




Snapping Function:

- ◆ When we click the Menu button (≡) navigate it through the upward or downward button (▲ ▼) to move the “Files” Icon in the Indoor unit. Press the Menu button (≡) to enter the “record files list”.
- ◆ Then choose the “Snapshot Files” to enter into the recorded video files list. The Red highlighted Snap icon is currently selected to scroll upward or downward press the upward or downward button (▲ ▼).
- ◆ Press the Menu button (≡) to choose between Play , delete current files or delete all files.
- ◆ While viewing the Snap scroll the upward or downward button (▲ ▼) to navigate between previous / next video files and press the Menu button (≡) to exit the playback.



Camera Display Settings:



In the color menu the video color of Door1/Door2/CAM1/CAM2 attributes can be adjusted for the best image quality. Scroll the button “  ” to upward or downward to move the cursor to the option “Door1” or “Door2” or “CAM1” or “CAM2”, then press “  ” to enter the corresponding menu to adjust values of brightness, contrast and chrome depending on the actual conditions.





Brightness, values can be set up from 0 to 50.





Contrast, values can be set up from 0 to 50.



Chrome, values can be set up from 0 to 50.

[Return]: Exit the current menu.

Monitoring Function:

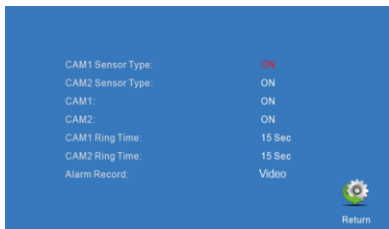
- ♦ When we press the Monitor button () the Indoor Unit displays the Video through the Outdoor Unit.
- ♦ We can press the talk button () in the indoor unit. We can communicate through the outdoor unit to the persons who are viewed from the outdoor unit.

Note : The Monitoring Function works approximately for each monitoring time of 60 seconds.



Alarm Function:

- ◆ In main menu, move the cursor to the option "Alarm", then press " ≡ " to enter the "Alarm" menu.



[Sensor Type] : Each camera channel corresponds to an I/O status (see the following status explanations), which means that when an alarm is triggered, it will activate the corresponding channel to start alarm recording or capture a snapshot.

ON : When set the I/O to "ON", the indoor unit will distinguish the sensor type automatically.

I/O status types:

NO : Normally open ; **NC** : Normally closed

OFF : Set the I/O to "OFF", if external sensor alarms are not in use.

[CAM1]: Enable or disable the preview of camera 1.

[CAM2]: Enable or disable the preview of camera 2.

[CAM 1 Ring Time]: The alarm ring time of camera 1 if camera 1 has been triggered by activity detected by the sensor, values can be set from 0~30 seconds.

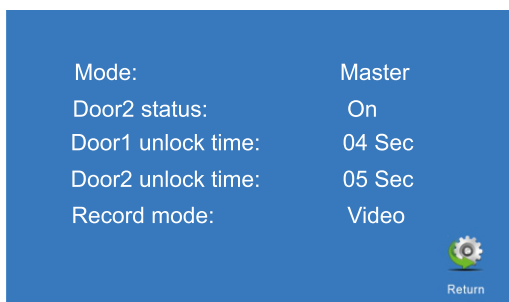
[CAM 2 Ring Time]: The alarm ring time of camera 2 if camera 2 has been triggered by activity detected by the sensor, values can be set from 0~30 seconds.

[Alarm Record]: Options include "Video" and "Snapshot". "Video" indicates that when an alarm is triggered, it will activate the corresponding channel to start alarm recording. "Snapshot" indicates that when an alarm is triggered, it will activate the corresponding channel to capture a picture of the current video stream as a still photo.

[Return]: Exit the current menu.

Modes of Indoor Unit:

♦ In main menu, move the cursor to the option "Mode", then press " ≡ " to enter the "Mode" menu.



[Mode]: Options include "Master" and "Slave". "Master" indicates that the indoor unit connects the outdoors or cameras, "Slave"

indicates that the indoor unit connects the main or sub indoor unit.

[Door2 status]: Enable or disable the preview of Door2.

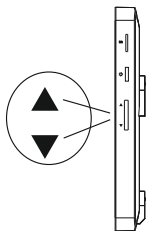
[Record mode]: Options include "Video" and "Snapshot". "Video" indicates that the device with TF card will start record automatically when a visitor press the call button on the outdoor camera. "Snapshot" indicates that the device with TF card or built-in storage will capture a frame of the video stream as a still photo if a visitor press the call button on the outdoor camera.

[Door1 Unlock Time]: From 01 second to 10 seconds.

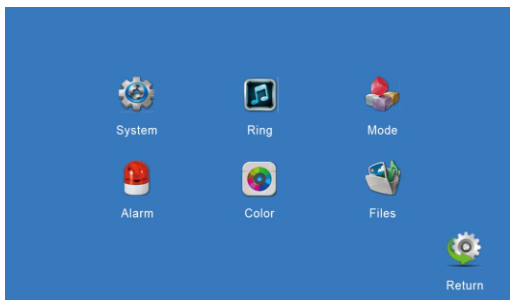
[Door2 unlock time]: From 01 second to 10 seconds.

[Return]: Exit the current menu.

Menu Operations:

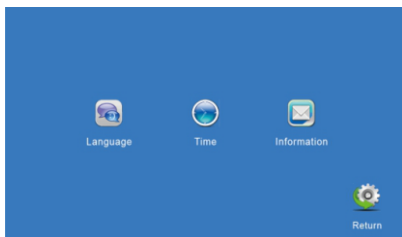


- ◆ If users don't do any operations or enter any interface about the indoor machine, the indoor device will be into standby mode after 1 minute automatically.
- ◆ In standby mode, press the button " ≡ " to access the main menu interface, shows the main interface as shown below. On menus, scroll " ⬆ " upward or downward to move the cursor to the option "Return", and then press " ≡ " to exit.



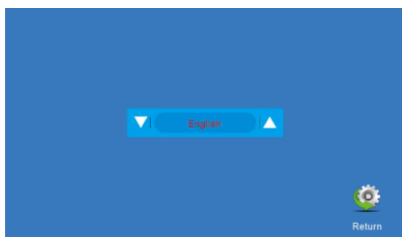
1. Set System Parameters:

- ◆ Scroll the button " ⬆ ⬆ " to upward or downward to move the cursor to the option "System", then press " ≡ " to enter the "System" menu. System setup includes: "Language", "Time" and "Information".




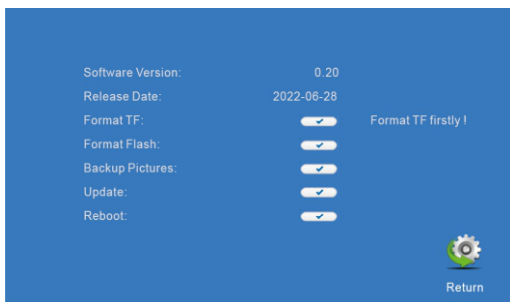
1.1. System - Language:

- ◆ In system menu, move the cursor to "Language" and press " ⬆ ⬆ " to enter the "Language" menu. Use this field to change the language of the machine menu text and the on-screen display. Press " ⬆ ⬆ " to select menu options, and then scroll " ⬆ ⬆ " to upward or downward to adjust values, then press " ≡ " to confirm.





1.2. System - Information:

♦ In system menu, move the cursor to “Information” and press “” to enter the “Information” menu. The information includes software version and release date.



[Format TF]: Format TF card, please format TF card firstly before using.

[Reboot]: Move the cursor to “”, and press “”. It will pop-up a window, choose “Yes” to restart the machine, choose “NO” to cancel.

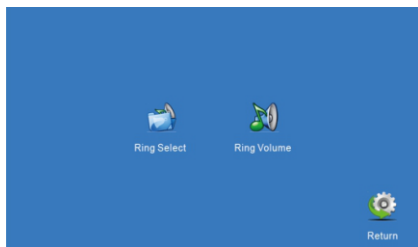
[Update]: For the models with TF card, users can upgrade the firmware of the device via TF card.

***Note:** During the system upgrading, don't remove the TF card or turn the indoor device disable. After completing the upgrade, the device will restart.*

[Return]: Exit the current menu.

2. Set the Tone Parameters:

- ♦ In main menu, move the cursor to the option “Ring”, then press “ ≡ ” to enter the “Ring” menu. Ring setup includes: “Ring select” and “Ring volume”.



2.1. Ring - Ring Select :

- ♦ In ring menu, move the cursor to “Ring select” and press “ ≡ ” to enter the “Ring select” menu to set up the doorbell tone of the outdoor camera.



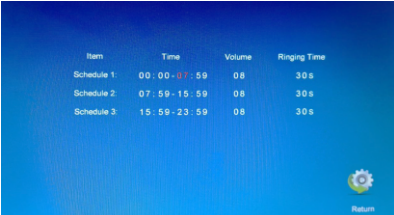
[Door1] : To set up the doorbell tone of the outdoor unit 1.

[Door2] : To set up the doorbell tone of the outdoor unit 2.


[Return] : Exit the current menu.

2.2. Ring - Ring Volume :

♦ In ring menu, move the cursor to “Ring volume” and press “ ≡ ” to enter the “Ring volume” menu to set up the ring volume. Users can set up different ring volume during three different time period, the ringing time can be adjusted from 15s to 60s when calling.



Item	Time	Volume	Ringing Time
Schedule 1:	00 : 00 - 07 : 59	08	30s
Schedule 2:	07 : 59 - 15 : 59	08	30s
Schedule 3:	15 : 59 - 23 : 59	08	30s


Return

[Item]: We can customize the Time, Volume and Ringing Time from Schedule 1, Schedule 2 & Schedule 3.

[Time]: We can set the time from 00:00 to 23:59 in all of these schedules but setting the time intervals according with no overlapping time intervals.

[Volume]: We can set the volume levels from 00 to 10 in all of these Schedules.

[Ringing Time]: We can set the Ringing time levels from 15 to 60 seconds in all of these Schedules.