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Video Door Phone

User Manual

SVD-4332/4332W



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Video Door Phone

User Manual

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This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

This product should not be mixed with other commercial wastes for disposal.

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Precautions

* Please review the content below to ensure safe and precise product usage.



Warning

Neglect to follow directions can result in death or serious injury.



Neglect to follow directions can result in injury or material loss.





* After receiving service, ask the service representative to perform a safety inspection.



Names and Functions

Product - Monitor



- Handset This is used to communicate with a visitor outside the entrance or the common entrance or make calls to the interphone.
- ② LCD screen This shows the visitor's image.
- 3 **POWER indicator** This lamp turns red when the power is normal and blinks in communication failure.
- DOOR indicator When doorbell is connected, this lamp blinks if the bell rings.
- (5) SET button This button is used to change various settings (e.g. Bell sound, call volume, screen brightness, initialization, etc.)
- (6) +/- button This is used to adjust bell sound, call volume and screen brightness.
- ⑦ Speaker This is used to output bell sound or voice during communication with a visitor outside the entrance

(doorbell)/common entrance or when making a call to the interphone.

- 8 Power switch This is used to turn the power on/off.
- Interphone button This is used to make calls to subphone.
- 10 Record/Replay button This is used to store images on the screen or play stored images.
- (1) Door Open[release] button This is used to open the entrance/common entrance during a call.
- Call button This is used to check the status outside the entrance, answer an incoming call with the handset picked up or to make a speakerphone call.
- (3) Microphone This is used to make a call with a visitor outside the entrance/common entrance or to the interphone.

Entrance Functions

These functions enable user to make a call to a visitor outside the entrance or open the entrance door.

When a visitor is outside the entrance



Entrance Functions

These functions enable you to check the status outside the entrance.

Checking outdoor status

When there is one door pin-

If you press the Call button in standby mode, the entrance image is displayed on the screen and a call is connected.

- If you press the Call button with the handset picked up, the phone is connected in handset mode. If you press the Call button in standby mode, the phone is connected in speakerphone mode.
 - The outdoor image can be displayed for up to one minute.
 - You can open the entrance door by pressing the **Door Open** button while the outdoor image is displayed.

When there are two or more door pins

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- The outdoor image screen is automatically turned off after $50\sim 60$ seconds.
- Doorbells and multi panels do not support "Checking outdoor status."
- You can open the entrance door by pressing the **Door Open** button while the outdoor image is displayed.

Interphone Functions (Optional)

These functions enable you to make internal calls when another monitor is installed.

Making internal calls





An incoming bell signal occurs in another monitor



• If the current call is switched to speakerphone mode by pressing the **Call** button in handset mode, you can continue the call in speakerphone mode after replacing the handset.

Note

- 1. If internal calls are not answered for one minute, the calls are disconnected.
- 2. Internal calls are automatically hung up after 3 minutes.

To hang up the call; During the speakerphone mode, press the Call button of the Monitor, during the handset mode, replace the handset of the Monitor.



User Setting Functions

These functions are used to customize some product functions in the user's environment.

Entering for user setting mode



• To exit the user setting mode, select **D.EXIT**, and then press the **Interphone** button to save your settings. In addition, if there is no input for more than 10 seconds, the mode is automatically ended.

Adjusting the voice volume/screen

1. While an image is displayed on the screen, press the **SET** button repeatedly to select the desired adjustment mode as below;

TALK VOLUME 2 \rightarrow COLOR STEP 2 \rightarrow CONTRAST STEP 2 \rightarrow BRIGHT STEP 2 \rightarrow EXIT.

2. Press the + / - buttons to select the desired value.

- + : Increase the setting value : Decrease the setting value
- Each setting can be set up to level 4, and the initial setting value is 2.
- 3. To save the selected settings, press the **Interphone** button.



 To exit the user setting mode, select EXIT, and then press the Interphone button to save your settings. In addition, if there is no input for more than 10 seconds, the mode is automatically ended.

Setting the melody type

Set/select melodies for Door 1, Door 2 (Lobby) and/or Slave.



- Melodies can be repeatedly selected for each bell sound of Door 1, Door 2 (Lobby) and Slave.
- To exit the user setting mode, select D.EXIT, and then press the Interphone button to save your settings. In addition, if there is no input for more than 10 seconds, the mode is automatically ended.

Setting the time

- 1. During the standby mode, press the SET button repeatedly to select 8.RTC YEAR ADJUST ~ C.RTC MIN ADJUST.
- 2. Press the + / or SET buttons to adjust the desired time.
- + : Increase the setting value -: Decrease the setting value
- **SET** : Move to the specified item. (Move to YEAR \rightarrow MONTH \rightarrow DAY \rightarrow HOUR \rightarrow MIN in turn.)
- 3. To save the selected settings, press the **Interphone** button.



- To exit the user setting mode, select D.EXIT, and then press the Interphone button to save your settings. In addition, if there is no input for more than 10 seconds, the mode is automatically ended.
- If the unit power is off for more than 5 minutes, the RTC settings will be reset automatically.

User Setting Functions

These functions are used to customize some product functions in the user's environment.

Deleting all stored images



• To exit the user setting mode, select F.EXIT, and then press the Interphone button to save your settings. In addition, if there is no input for more than 10 seconds, the mode is automatically ended.

System initialization



3. To excute the selected condition, press the Interphone button.



- · To exit the user setting mode, select F.EXIT, and then press the Interphone button to save your settings. In addition, if there is no input for more than 10 seconds, the mode is automatically ended.
- · Default setting values - Door 1 melody : Ding-dong 1
- Door 2 melody : Ding-dong 2
- Slave melody : Ding-dong 3
- Voice volume/melody volume : 2 levels - Color/Contrast/Brightness : 2 levels

Supervisor setting Functions

These functions are used to customize some product functions in the user's environment.

Entering for supervisor setting mode

1. Remove the J1 Jumper on the SVD-4332's bottom to enter supervisor mode.(refer to 25 page) 2. Press the SET button to select a desired supervisor setting item. 3. Press + / - button to select the value for selected setting item.



Setting the ID

Set to the Master or Slave mode, and select to Slave's ID.

1. During the Supervisor setting mode, press the SET button repeatedly to select 1.ID SET. 2. Press the + / - buttons repeatedly to select the Master, Slave 1, Slave 2 or Slave 3. 3. Press the Interphone button to store your setting, then exit. 0 0 · After connecting to the slave unit, be sure to set the SLAVE ID without overlap. Do not overlap the SLAVE ID when multi-units are connected, it may cause malfunction of the master or the slave unit.

Supervisor setting Functions

These functions are used to customize some product functions in the user's environment.

Setting the Camera Quantity

Set to the camera quantity for the monitoring function.



• Setting the Multi panel



Setting the Bell

Set to activation of the door bell mode for the DOOR1 port.



 When the BELL SET is SET, call time is set 30 seconds, door open function is activated, talk and monitoring functions are disabled.

Setting the Door Open

Set to a door lock or door camera function for the Door1/2 port.

- 1. During the Supervisor setting mode, press the SET button repeatedly to select 5.DOOR1 OPEN SET or 6.DOOR2 OPEN SET.
- 2. Press the + and buttons repeatedly to select the MAIN or CAMERA.
- MAIN : The LOCK1/2 port is connected the door lock.
- CAMERA : The LOCK1/2 port is connected the door camera
- 3. Press the Interphone button to store your setting.



Supervisor setting Functions

These functions are used to customize some product functions in the user's environment.

Setting the Open Time

Set to the door lock open time for the Door1/2 port's door open function.



Setting the Talk Time

Set to the each talk time limit for the Door1/2 or slave port's.

- During the Supervisor setting mode, press the SET button repeatedly to select the C.DOOR1 TALK TIME SET, D.DOOR2 TALK TIME SET or E.SLAVE TALK TIME SET.
- 2. Press the + / buttons repeatedly to select the desired time (30SEC ~ 1HOUR).

3. Press the Interphone button to store your setting.



· When the DOOR1 port is connected to door bell, the C.DOOR1 TALK TIME SET is not activated.

Setting the Call Time

Set to the each call time limit for the Door1/2 or slave port's.



Setting the NAND Flash Bulk Check

Set to the NAND flash bulk check function enable or disable.

1. During the Supervisor setting mode, press the SET button repeatedly to select the M.NAND BULK ADJUST.

- Press the + and buttons repeatedly to select the YES or NO.
 Yes : Activate the NAND flash bulk check function
 No : Disable the NAND flash bulk check function
- 3. Press the Interphone button to store your setting.

• If the M.NAND BULK ADJUST set to YES, the unit will start NAND flash bulk checking for more than 7 minutes.



Supervisor setting Functions

These functions are used to customize some product functions in the user's environment.

Setting the Video mode

Set to the video signal scanning type for door camera1/2.



 When the DOOR1 and DOOR2 port are connected to cameras, the both camera device's video signal type are same mode, otherwise display will be abnormal.

• Setting the Chroma Delay

Set to the Chroma delay time for image displaying.

During the Supervisor setting mode, press the SET button repeatedly to select the Q.CHROMA DELAY.
 Press the + and - buttons repeatedly to select the desired time (1SEC ~ 3SEC).

3. Press the Interphone button to store your setting.



Initializing the Supervisor mode



Setting the Storage Image Number

Set to the number of storage image.

- 1. During the Supervisor setting mode, press the SET button repeatedly to select the R.STORAGE IMAGE NUM.
- 2. Press the + and buttons repeatedly to select the desired number (32, 64, 128 or 333).
- 3. Press the **Interphone** button to store your setting.



· After set to the R.STORAGE IMAGE NUM, the stored all images are deleted.

Visitor Image Functions

These functions are used to record/store visitor images.

Auto-recording of missed visitor images

• The calling visitor's images are automatically recorded/stored in absent status or during sleeping time.

If a call by a visitor is disconnected by not answering the call within **CALL TIME** by supervisor setting, the visitor's image is recorded/stored automatically.



 The recorded/stored images can be replayed/checked/ deleted in visitor image replay mode.

Recording visitor images manually

· Visitor images are manually recorded/stored when the images are displayed on the screen.



► Replaying stored images





• If no image is stored, the text showing "No Image" is displayed on the screen.

▶ Deleting the current image



Installation

Monitor

Product Installation Drawing - Installation method and height of Monitor.





- Select a place to install the product. (Install the product and place the center of the Monitor at a height of 145 cm from the floor.)
- 2. Fix the wall mount bracket on the selected place with 2 screws.
- 3. Connect the wires of the door camera and interphone (optional) to the Monitor terminal.

- 145cm
- After mounting the Monitor on the bracket, secure it with screws on the bottom of the Monitor.
- 5. Connect the AC power cord.
- Turn on the power switch on the bottom of the product and make sure that the power is applied.

Door Camera



Camera Installation Drawing



SVC - 0270M



How to install

1. Select a place to install the product.

(Install the door camera and place the center of the camera at a height of 145 cm from the floor.)

- 2. Fix the wall mount bracket on the selected place with 2 screws.
- 3. Connect the connection wire of the Monitor to the door camera terminal.
- 4. Check that the Monitor can be called.

Cautions for installation

- 1. Avoid the direct sunlight, or a place where rainwater spatters, or it is near chemicals and high voltage power lines.
- 2. Do not install in a place with too high or too low temperatures if possible.

Wiring

For safety and correct product connection, always install the product as shown in the wiring diagram below;

▶ 4 Monitors + 2 Door cameras (2 Door locks)



Wiring

For safety and correct product connection, always install the product as shown in the wiring diagram below:

4 Monitors + 1 Door camera + 1 Multi panel



Note

- Be sure the multi panel connect to the DOOR2 port.
- The door lock can connect to the doorphone. If the door lock is connected, be sure set the DOOR OPEN SET
- item of the supervisor setting mode is CAMERA for door open function.
 Installing the door lock system designated by our company to your entrance door enables you to open the door by pressing the **Door Open** button during an entrance call.

🕨 1 Monitor + 1 Doorbell + 1 Door lock



If a doorbell is connected, the DOORT port does not connect anything.
If a doorbell is connected, be sure set the BELL SET item of the supervisor setting mode is SET.

Settings

► Connection cable specifications

	 Monitor VS	Door Camera
1	1 [RED]	+ 12 V
2	2 [GREEN]	VOICE
4	3 [WHITE]	VIDEO
-	4 [BLACK]	GND

	Monitor VS	S Multi Panel
1	1 [RED]	+ 12 V
2	2 [GREEN]	VOICE
4	3 [WHITE]	VIDEO
	4 [BLACK]	GND

г	Monitor VS Door Lock	
1	1 [RED]	
2	2 [BLACK]	DOORLOCK

	ſ	Monitor VS Slave	
1		1 [RED]	+ 12 V
3		2 [BLUE]	DATA
4		3 [ORANGE]	SOUND 1
5		4 [VIOLET]	SOUND 2
0	Щ	5 [WHITE]	VIDEO
		6 [BLACK]	GND



• Do not connect to AC Power. It may result in electrical shock and/or fire.

Various settings

Warning

Setting supervise mode

[Setting J1 Jumper on the SVD-4332' s bottom]



• After changing the setting switch, always turn the power off and on.

Components

The product packages are as shown in the figure below. Check they contain all components.



◆ SVC - 0271M





4 Pin for Door Camera EXT Harness 1EA

-1

1EA ◆ SVC - 0270M



Door Camera

1EA



1EA



Screw

1EA

Mount Bracket 1EA

Mount Bracket Screw/Cover 2EA + 2EA/2EA



Troubleshooting

Check This First!

The power does not turn on.

• Make sure if the power is connected.

The screen is too dark.

- Check the condition of the exterior lighting in the area of the camera.
- · Clean the exterior surface of the door camera.
- Adjust the screen brightness in the function settings. (refer to page 9) The screen brightness settings consist of 4 phases and factory default set is 2.

There is too much noise during calls.

• Check to see if the door phone line has been short-circuited with the ground.

Calls are not audible.

- Check the volume setting.
- Check the wire connection between the monitor and the camera.