

AIPHONE



Video Door Entry 1-2 System

JO series / JV series



JO series



JV series



Advanced 7-inch color video intercom solutions offer reliable communication and enhanced security for single-family homes and small offices. With user-friendly and a refined design, our products bring comfort and convenience to your daily life or office environment.

JO series

P3~

7 inch Touch Screen Color Video Intercom with Smartphone App



Smartphone connection



Video recording



Touch screen



JV series

P6~

7 inch Screen Color Video Intercom



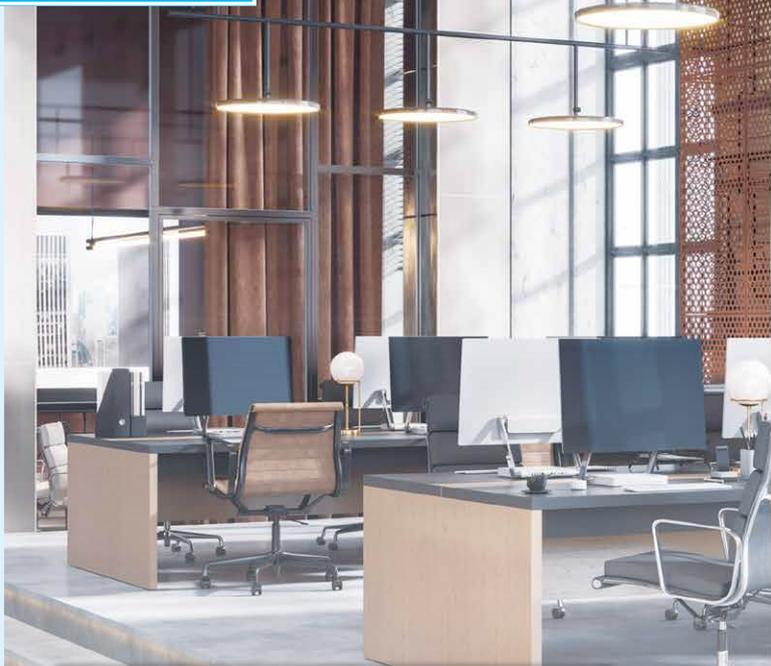
Simple design



Picture memory



7 inch Touch Screen Color Video Intercom with Smartphone App



1 Door × 2 Room × 8 Smartphone

The JO Series enhances security and convenience with video recording, smartphone connectivity, and a touchscreen.

Video Recording (Available in the master monitor station)

The video and audio of visitors are recorded in the master monitor station automatically or manually. Recording is possible even when being not able to answer calls.

- Built-in memory: Up to 10 recordings
- microSDHC card: Up to 1,000 recordings

Specifications of recommended micro SD card

Standard	microSDHC
Storage Capacity	4 to 32 GB
Format	FAT32
Speed Class	10



Video recording for 10 seconds

Touch screen for intuitive operation

The touch screen and user interface with easy-to-understand icons allow stress-free, and intuitive operation.



Smartphone connection

Set whether or not to enable mobile device to receive a call.



Notifications

Confirm system updates and other important notifications.



Play

Play and manage call recordings.



Monitor

Monitor images from the door station.



Settings

Manage system settings.



Door release

Unlock the electric lock related to the door station.



Option output

Activate external devices connected to the master monitor station.



Talk

Communicate with the door station.



Smartphone Application Provides Connectivity Anywhere



Your smartphone can be used as a master monitor station wherever you are. You can remotely answer video calls and monitor images from the door station.

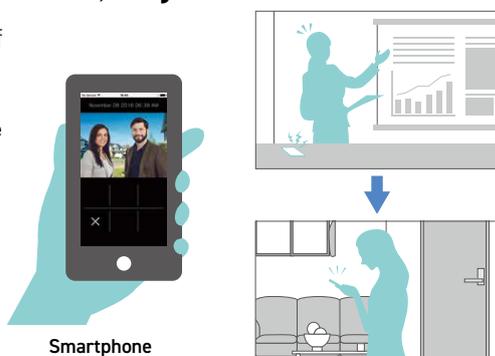
Receive door calls and unlock the door from anywhere.

You can talk to callers on your smartphone anywhere.



Check recorded videos and monitor the entrance anywhere, anytime.

You can check the video of visitor for missed call whenever you want and remotely monitor the image from the door station wherever you are.



Smartphone

Up to 8 smartphones can be registered

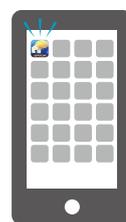
No running cost is required for app itself. Simply install the Intercom App on your smartphone.

Install application

Free download



Intercom App Type B
(Available for iOS and Android.)



* Fees of all internet connections and data usage shall be borne by the user.

* Android is a trademark of Google LLC.

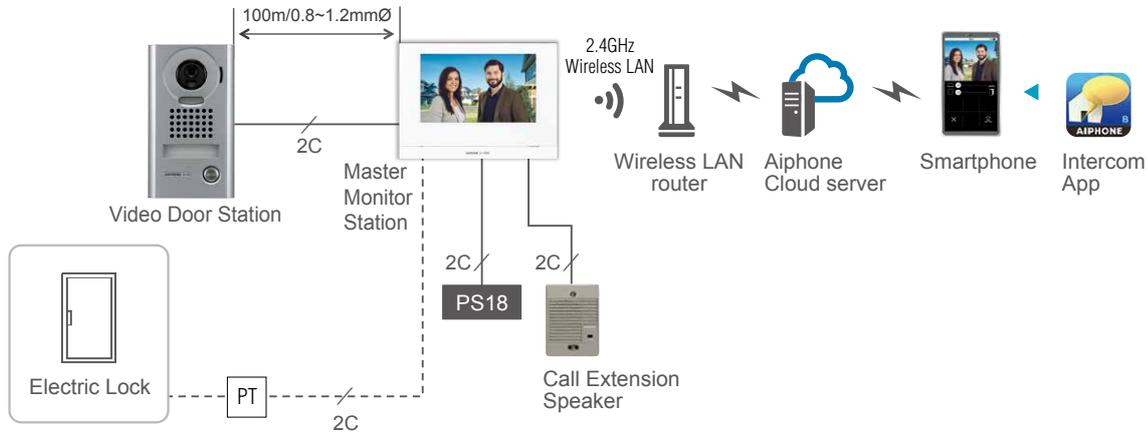
* iOS is the OS name of Apple Inc. IOS is a trademark or registered trademark of Cisco Systems, Inc. in the U.S. and other countries and is used under license.

Restrictions

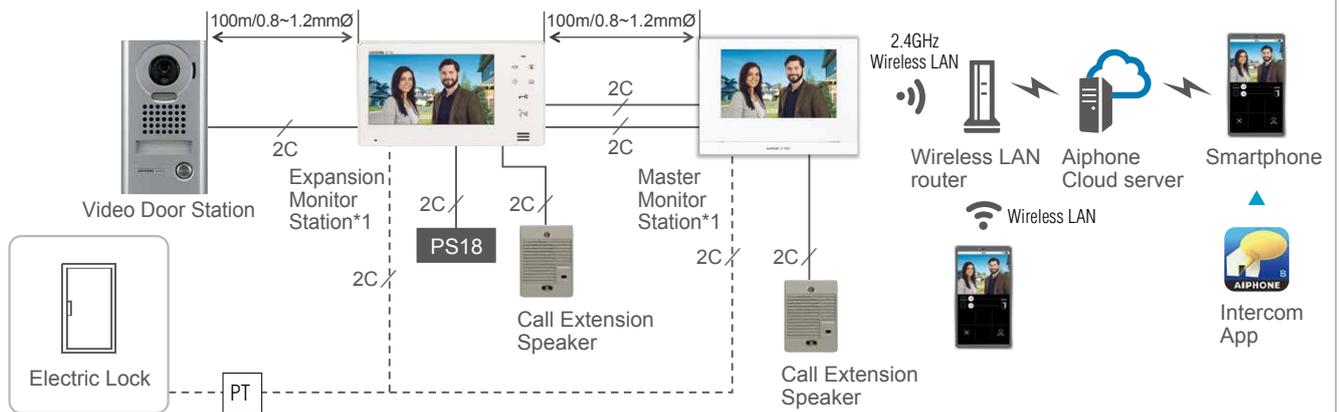
- Connect your JO-1MDW master monitor station to a commercially available wireless LAN router connected to the Internet.
- Ensure that you install the master monitor station near your wireless LAN router and that the wireless connection is not obstructed.
- Ensure that your internet connection for both the master monitor station and your smartphone meets the minimum requirements for using the application (1.3Mbps for download and 0.2Mbps for upload).
- The application cannot be used for emergency calls or communication.
- Fees of all internet connections and data usage shall be borne by the user.
- Up to 8 smartphones can be registered to one master monitor station.

System configuration

A Single Room Station



Two Room Stations



*1 Room to room communication is not available.

PT AC Transformer PS18 PS-1820S/UL/BF/-O

Line up

Box Sets



JOS-1AW



JO-DA
Video Door Station
• Wall mount
• IP54



JO-1MDW
Master Monitor Station
Power Supply Adaptor

JOS-1VW



JO-DV
Video Door Station
• Wall mount
• IP54, IK08



JO-1MDW
Master Monitor Station
Power Supply Adaptor

JOS-1FW



JO-DVF
Video Door Station
• Flush mount
• IP54, IK07



JO-1MDW
Master Monitor Station
Power Supply Adaptor



JO-1FD
Expansion Monitor Station



PS-1820S
PS-1820UL
PS-1820BF
PS-1820-O
Power Supply Adaptor

7 inch Screen Color Video Intercom



The 7 inch large screen enables instant identification of visitors, quick response and enhanced security.



Simple design

Achieved a refined, noise-free, flat design by eliminating microphone or speaker slots from the front.



Illuminated nameplate

A harmonious integration of nighttime lighting and nameplate in a sleek and practical design.



Picture memory

(Available in the master monitor station)

Recording an image automatically after the button on the door station is pressed. Verification of visitors during the absence is possible.



Up to 30 images (1 image per recording)

Following functions are not available: Manual recording, Protection against the overwritten, Playing recordings on other devices.

Selectable Door Release Signal

The Output Signal to release door lock is selectable from three ways. Choose suitable one for the installation.

Selectable Duration time of Output Signal : 1, 5, 10, 20, 30 sec.

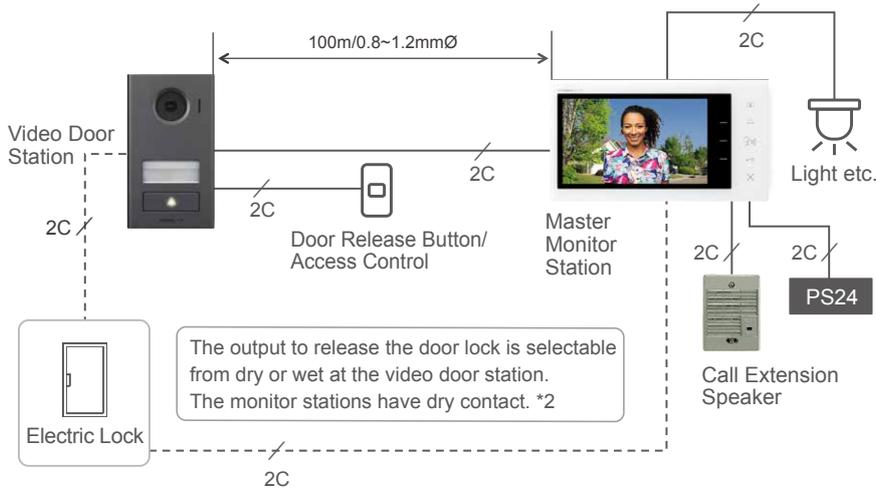
- 
No-Voltage door release
N/O, Dry contact, 24V DC, 1.0A
- 
With-Voltage door release
N/O, Wet contact, 12V DC, 0.5A
- 
No-Voltage door release
N/O, Dry contact, 24V DC, 1.0A



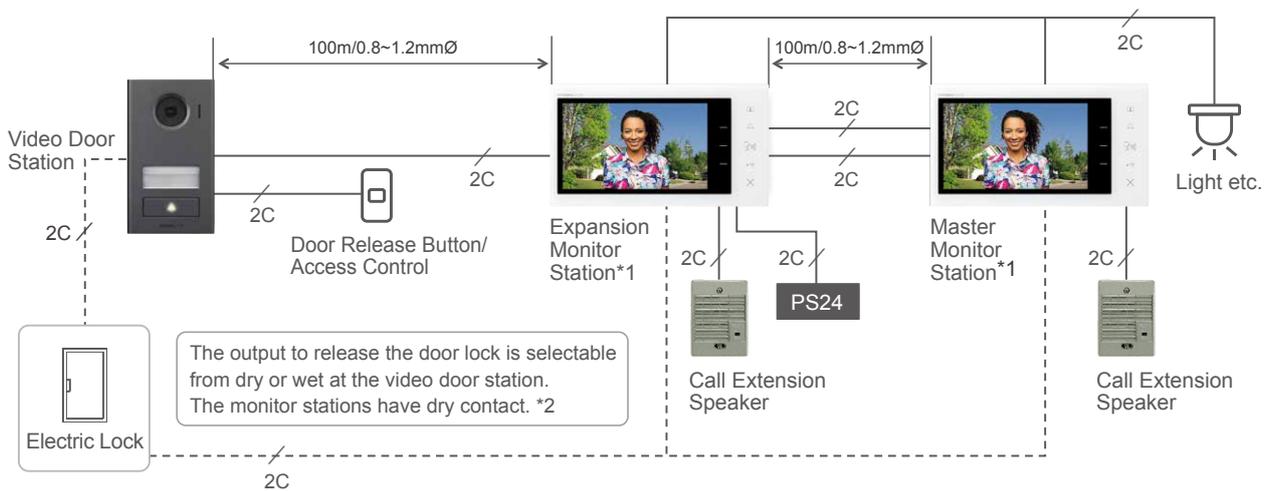
Video Door Station Master Monitor Station / Expansion Monitor Station

System configuration

A Single Room Station



Two Room Stations



*1. Room to room communication is not available. *2. PT (AC transformer) is required when selecting dry contact.

PS24 PS-2420S/UL/BF/-O

Line up

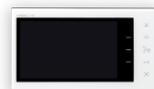
Box Sets



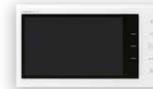
JVS-1V



JV-DV
Video Door Station
• Wall mount
• IP54, IK08



JV-1MD
Master Monitor Station
Power Supply Adaptor



JV-1FD
Expansion Monitor Station

JVS-1F



JV-DVF
Video Door Station
• Flush mount
• IP54, IK08



JV-1MD
Master Monitor Station
Power Supply Adaptor



PS-2420S
PS-2420UL
PS-2420BF
PS-2420-O
Power Supply Adaptor

Product details

JO series

Specifications

JO-1MDW

Power source	18V DC, Supplied from a power supply
Current consumption	450mA (max.) ,80mA (standby)
Video monitor	7 inch TFT LCD touch screen
Resolution	800 × 480 (approx. 384,000 pixels)
Type of communication	Auto-voice actuation or Touch-to-talk communication
Ambient temperature	0~40°C
Wireless LAN interface	IEEE802.11b/g/n
Door release contact	24V AC/DC, 1A (N/O dry closure contact)
Option button output	24V AC/DC, 1A (N/O dry closure contact)
Mounting	Surface wall mount
Material	Unit case: Self-extinguishing PC + resin Surface panel: Glass
Weight	Approx. 620g

JO-1FD

Power source	18V DC, Supplied from a power supply
Power consumption	420mA (max.) ,38mA (standby)
Video monitor	7 inch TFT color LCD screen
Resolution	Approx. 300,000 pixels
Type of communication	Auto-voice actuation or Press-to-talk communication
Ambient temperature	0~40°C
Door release contact	24V AC/DC, 1A (N/O dry closure contact)
Option button output	24V AC/DC, 1A (N/O dry closure contact)
Mounting	Surface wall mount
Material	Flame resistant PC + resin
Weight	Approx. 480g

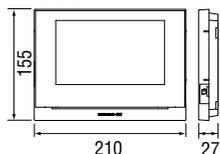
JO-DA, JO-DV, JO-DVF

Camera	1/4 inch color CMOS
Minimum illumination	Approx. 5 lux
Ambient temperature	-20~+60°C
Material	JO-DA Self-extinguishing PC + resin
	JO-DV Front panel: Zinc die cast Main unit: Self-extinguishing PC + resin
	JO-DVF Front panel: Stainless steel Main unit: Self-extinguishing PC + resin

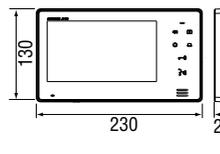
Color	JO-DA Clear Black
	JO-DV Front panel: Solid silver
	JO-DVF Front panel: Silver (Stainless steel)
Weight	JO-DA Approx. 200g
	JO-DV Approx. 650g
	JO-DVF Approx. 580g

Unit dimensions (mm)

JO-1MDW



JO-1FD



PS-1820S, PS-1820UL, PS-1820BF, PS-1820-O

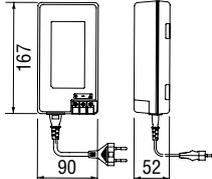
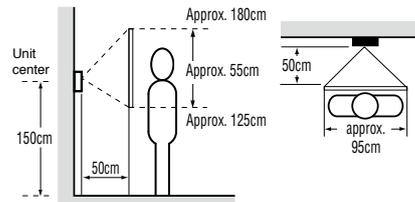
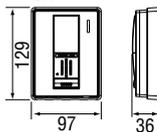


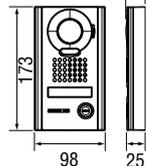
Image view area JO-DA, JO-DV, JO-DVF



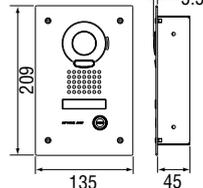
JO-DA



JO-DV



JO-DVF



JV series

Specifications

JV-1MD, JV-1FD

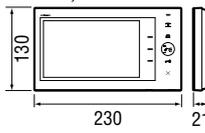
Power source	24V DC, Supplied from a power supply
Current consumption	JV-1MD 780mA (max.) ,100mA (standby) JV-1FD 1,100mA (max.) ,165mA (standby)
Video monitor	7 inch color LCD screen
Resolution	800 × 480 (approx. 384,000 pixels)
Type of communication	Auto-voice actuation or Press-to-talk communication
Ambient temperature	0~40°C
Door release contact	24V AC/DC, 1A (N/O dry closure contact)
Option output contact	24V AC/DC, 1A (N/O dry closure contact)
Mounting	Surface wall mount
Material	Flame resistant PC + resin
Weight	Approx. 530g

JV-DV, JV-DVF

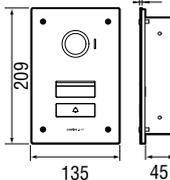
Camera	1/5 inch color CMOS
Minimum illumination	Approx. 5 lx
Ambient temperature	-20~+60°C
Material	JV-DV Front panel: Die-cast aluminum Main unit: Flame retardant resin
	JV-DVF Front panel: Stainless steel Main unit: Flame retardant resin
Color	JV-DV Front panel: Gunmetal silver JV-DVF Front panel: Silver (Stainless steel)
Weight	JV-DV Approx. 320g JV-DVF Approx. 570g

Unit dimensions (mm)

JV-1MD, JV-1FD



JV-DV



PS-2420S, PS-2420UL, PS-2420BF, PS-2420-O

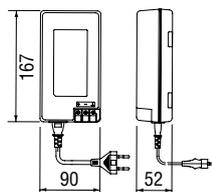
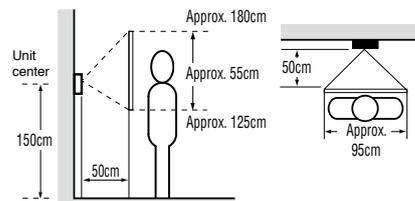


Image view area JV-DV, JV-DVF



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Deming Prize



Deming Medal

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JO/JV(E) | Oct. 2024

