AIPHONE

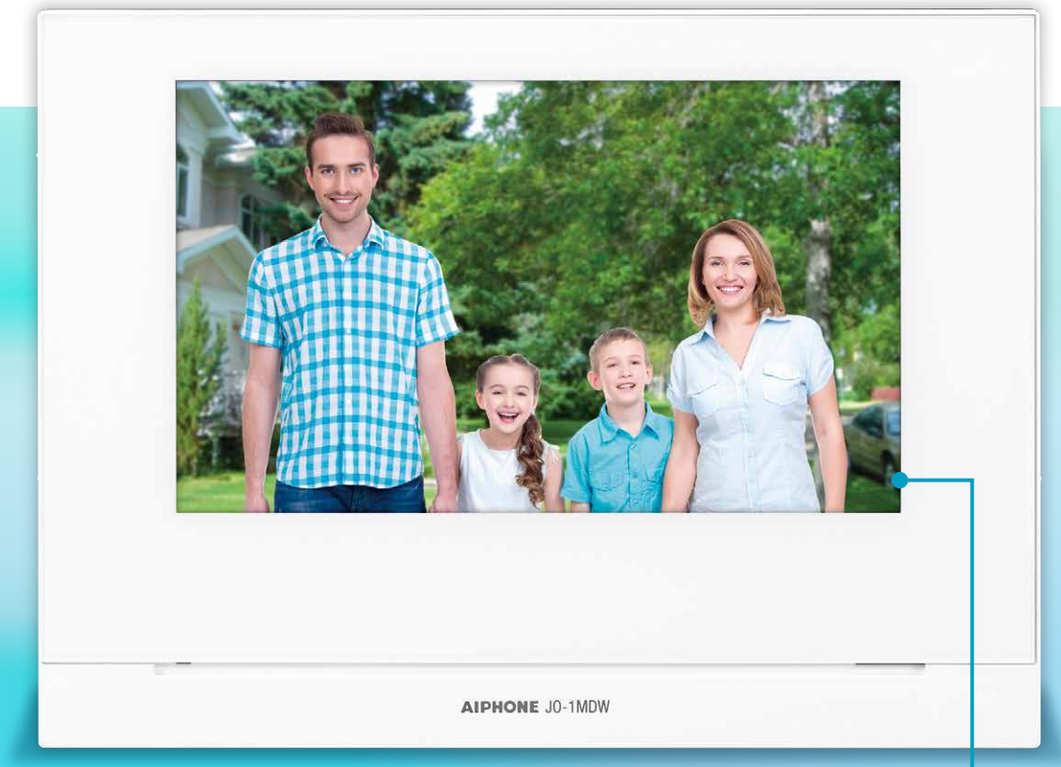
JO
series

HANDS-FREE
VIDEO INTERCOM
7-INCH TOUCH SCREEN

AIPHONE 3 YEARS WARRANTY

1 × Door
2 × Room
8 Smartphone

JO Series with smartphone connectivity. Enhanced convenience and security for



JO-1MDW

- Easy operation by 7-inch touch screen
- Total hands-free communication
- Zoom and wide screen

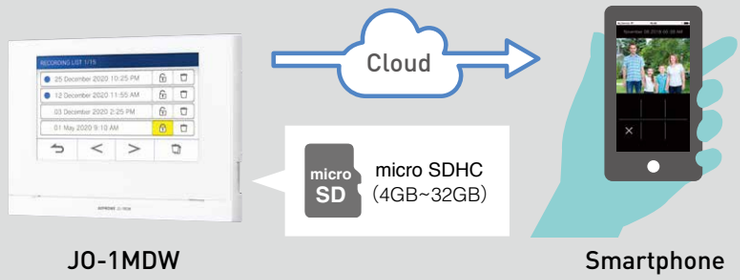
7inch touch LCD screen

Video Recording

Record visitors even when not able to answer calls.View the recordings from the master station or your smartphone.

Video memory
- Internal memory : 10 calls (max)
- SD card : 1,000 calls (max)

View recorded calls anywhere



your home and office.

1 × 2 × 8
Door Room Smartphone

Touch screen operation

Smartphone connection
Control whether calls are forwarded to mobile devices.

Notifications
Confirm system updates and other important notifications.

Play
Play and manage call recordings.

Monitor
Monitor your door.

Settings
Manage system settings.

Door release
Operate the electrie lock connected to the master station.

Option output
Control external devices connected to the master station.

Talk
Communicate with the door station.

Door Station Options

Select from 3 different styles. All options can handle tough weather conditions.

JO-DA

IP54 … Dust and moisture resistant

… Nighttime LED

JO-DV

IP54 … Dust and moisture resistant

IK08 … Ruggedized against vandalism

ZINC … ZINC material

… Nighttime LED

JO-DVF

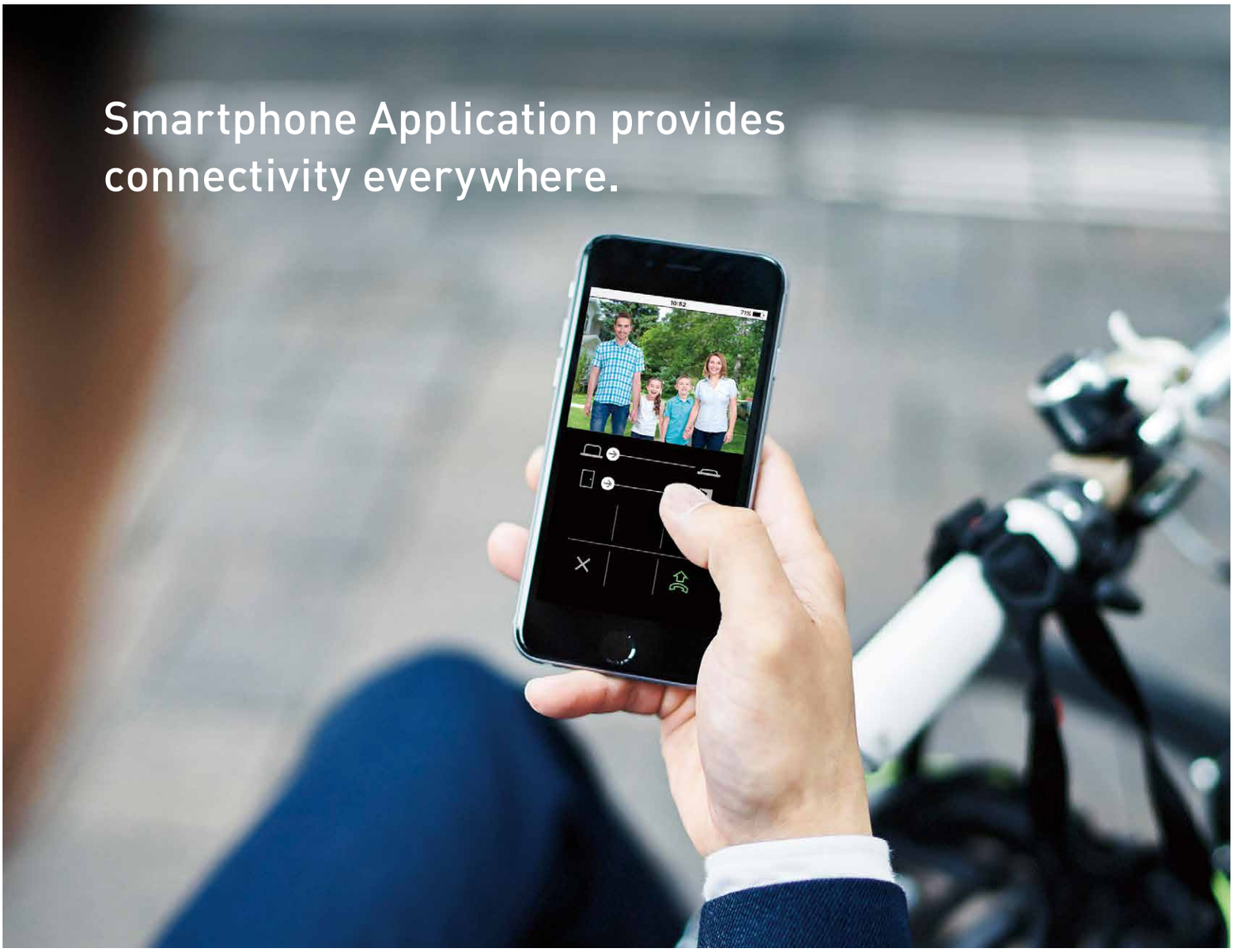
IP54 … Dust and moisture resistant

IK07 … Ruggedized against vandalism

STAINLESS … STAINLESS STEEL material

… Nighttime LED

Smartphone Application provides connectivity everywhere.



Have the functionality of the master station in your pocket

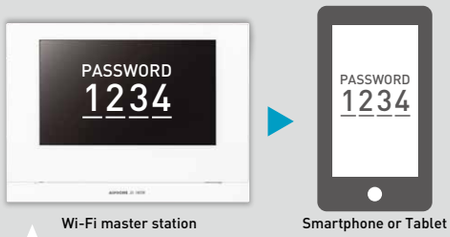
- Answer calls from the door station.
- Monitor the door station.
- Operate electric locks while answering a call.
- Control external devices while answering a call.
- Switch between speakerphone mode and telephone mode as necessary.
- Zoom in and zoom out functions.

Connect your smartphone in 3 simple steps

1 Install application

INTERCOM APP TypeB (iOS)
INTERCOM APP TypeB (Android)

2 Register with master station

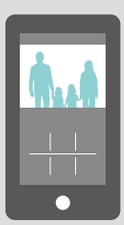


Wi-Fi master station

Smartphone or Tablet

Register by using a one-time password.
No need to provide email or other personal details.

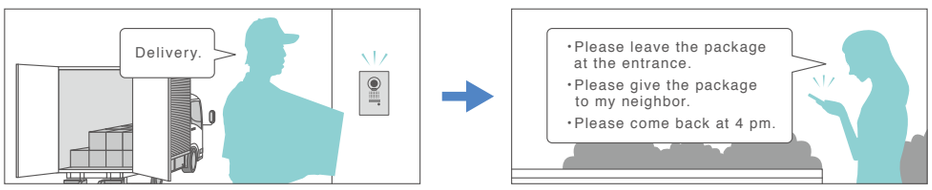
3 Done



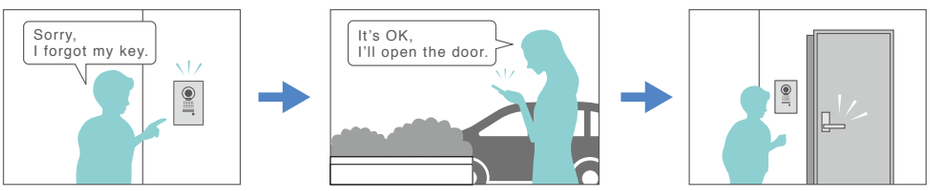
Usage Example

Answer calls anywhere inside or outside your home

Handle deliveries when not at home



Open your door from anywhere

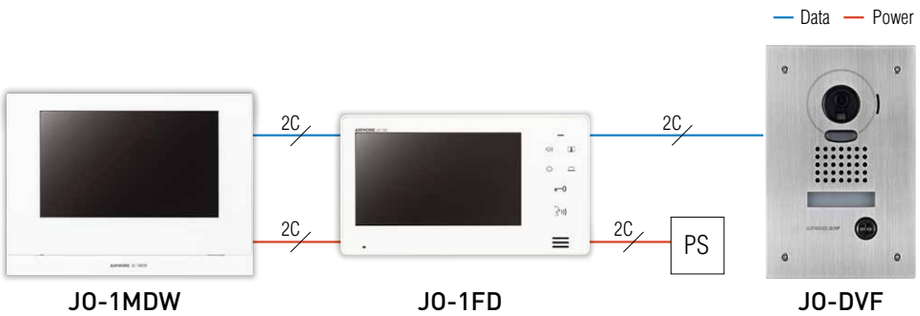


Notes

- Connect your JO-1MDW master station to a commercially available Wi-Fi router that is connected to the Internet.
- Ensure that you install the master station near your Wi-Fi router and that the wireless connection is not obstructed.
- Ensure that your internet connection for both the master station and your mobile device meets the minimum requirements for using the application (1.3MBs for download and 1.3MBs for upload).
- The application cannot be used for emergency calls or communication.
- All internet connection fees and data usage fees are the responsibility of the user.
- Up to 8 mobile devices can be registered to one master station.

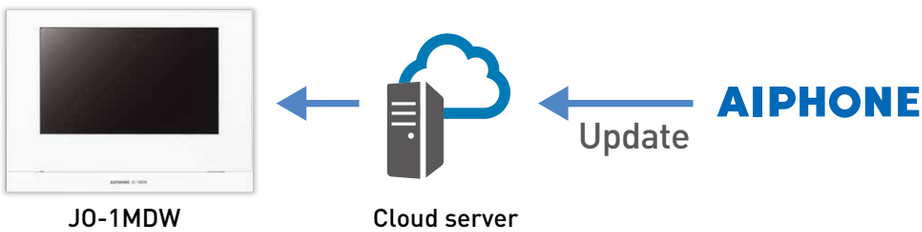
Simple installation

Connect all units in the system with just 2 wires.

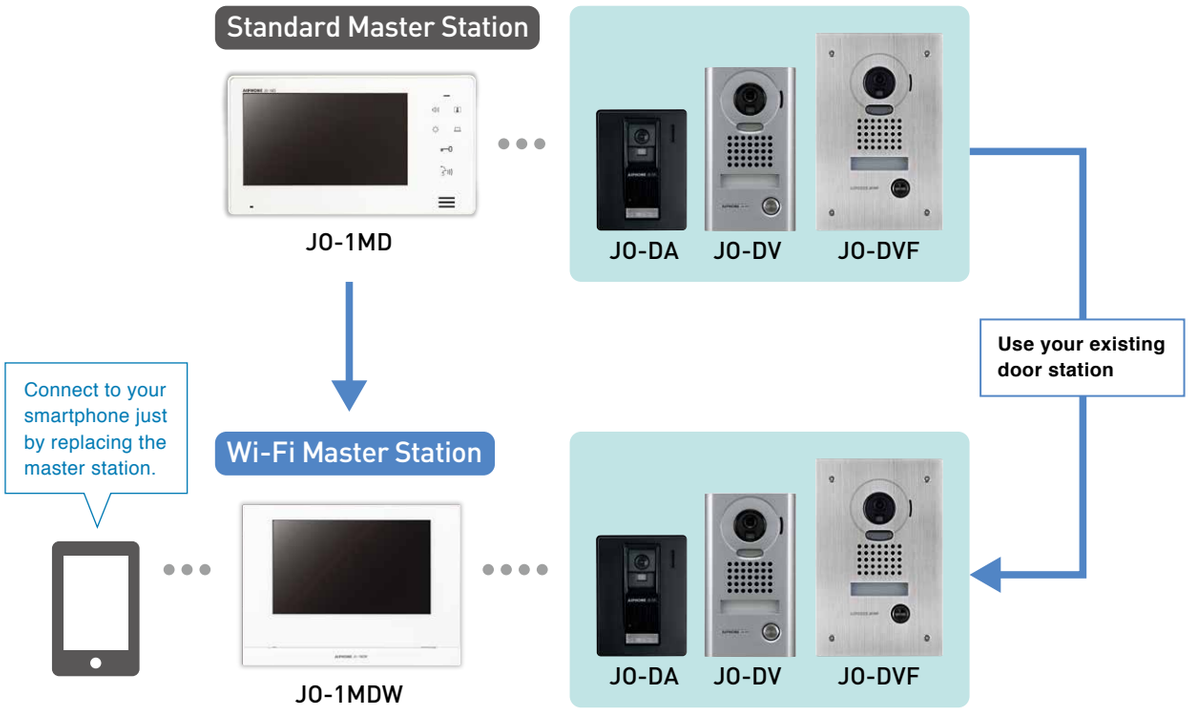


Automatic updates

Automatic updates ensure you always have the latest functionality and security.

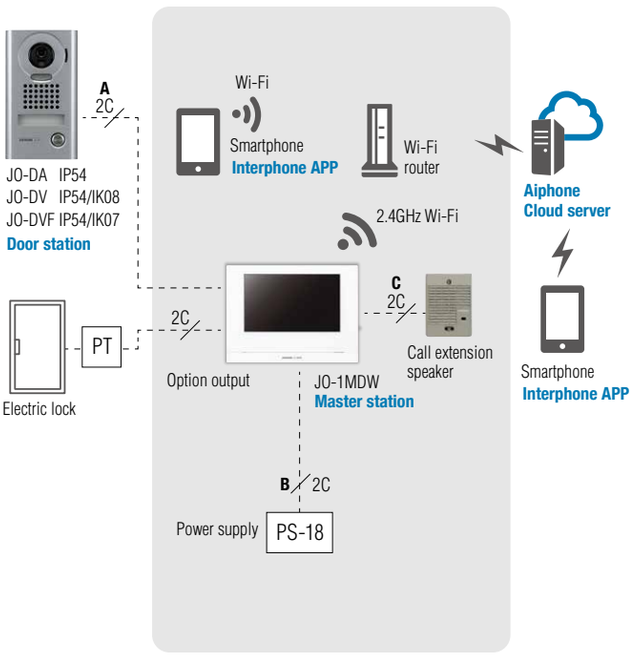


Compatible with existing JO series.

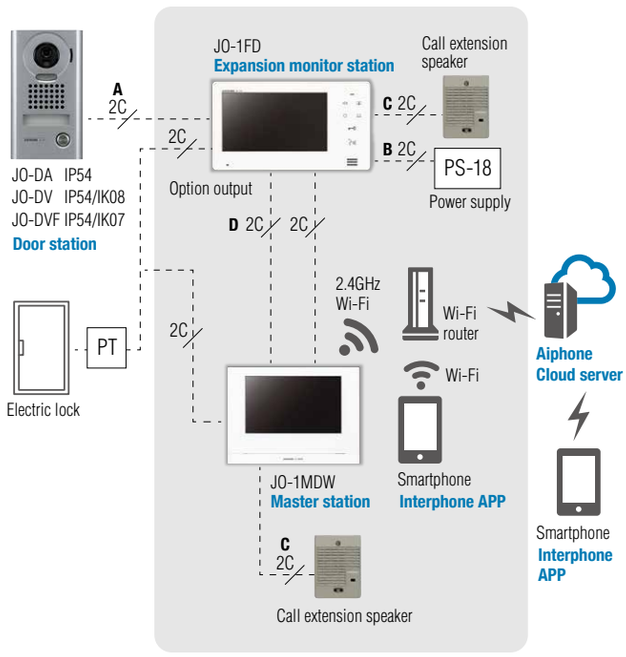


System Configuration

• Installations Using a Single Room Station



• Installations Using Two Room Stations



	Φ 0.65mm	22 AWG	Φ 0.8-1.2mm	20-16 AWG
A	50m	165'	100m	330'
B	5m	16'	10m	33'
C	50m	165'	150m	490'
D	50m	165'	100m	330'

PS18:PS-1820,PS-1820S,PS-1820UL,PS-1820BF

Line up

Wi-Fi Master Station

Master station

JO-1MDW

Boxed sets

JOS-1AW: JO-1MDW, JO-DA
JOS-1VW: JO-1MDW, JO-DV
JOS-1FW: JO-1MDW, JO-DVF

Standard Master Station

Master station

JO-1MD

Boxed sets

JOS-1A: JO-1MD, JO-DA
JOS-1V: JO-1MD, JO-DV
JOS-1F: JO-1MD, JO-DVF

Door station

JO-DA

JO-DV

JO-DVF

Expansion monitor station

JO-1FD

Specifications

JO-1MDW

Power source	18V DC, Supplied from a power supply
Current consumption	450mA(max.) 80mA(standby.)
Video monitor	7" TFT LCD touch screen
Resolution	800×480 (approx.384,000 pixels)
Type of communication	Open voice hands-free auto-voice actuation or Touch-to-talk communication
Ambient temperature	0～40℃
Wiress LAN interface	IEEE802.11b/g/n
Video memory	Internal memory: 10 calls(max.) (10 seconds/call) SD card: 1,000 calls(max.)(10 seconds/call)
Protect video	Internal memory: 5 calls(max.) micro SDHC card: 100 calls(max.)
SD card	micro SDHC card: 4GB-32GB
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 + ABS resin Surface panel: Glass
Weight	Approx.620g

JO-1MD

Power source	18V DC, Supplied from a power supply
Power consumption	410mA(max.) 24mA(standby.)
Video monitor	7 inch TFT color LCD
Pixels	300,000 pixels (approx.)
Type of communication	Open voice hands-free auto-voice actuation or Press-to-talk communication
Ambient temperature	0～40℃
Door release contact	24V AC/DC, 0.5A (N/O dry closure contact)
Option button output	24V AC/DC, 0.5A (N/O dry closure contact)
Mounting	Surface wall mount
Electrical box	3-gang box
Material	Unit case: Self-extinguishing ABS resin Surface panel: Polycarbonate
Weight	Approx.470g

JO-1FD

Power source	18V DC, Supplied from a power supply
Power consumption	420mA(max.) 38mA(standby.)
Video monitor	7 inch TFT color LCD
Pixels	300,000 pixels (approx.)
Type of communication	Open voice hands-free auto-voice actuation or Press-to-talk communication
Ambient temperature	0～40℃
Door release contact	24V AC/DC, 0.5A (N/O dry closure contact)
Option button output	24V AC/DC, 0.5A (N/O dry closure contact)
Mounting	Surface wall mount
Electrical box	3-gang box
Material	Unit case: Self-extinguishing ABS resin Surface panel: Polycarbonate
Weight	Approx.480g

JO-DA

Power source	Supplied from Master monitor station or Expansion monitor station
Type of communication	Open voice hands-free communication
Camera	1/4 inch color CMOS
Ambient temperature	-20～+60℃
Mounting	Surface wall mount (Directly to wall or electrical box)
Electrical box	Single-gang box
Material	Self-extinguishing PC + ABS plastic
Weight	Approx.200g
IP rating	IP54

JO-DV

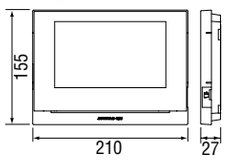
Power source	Supplied from Master monitor station, Expansion monitor station,or Guard station
Type of communication	Open voice hands-free communication
Camera	1/4 inch color CMOS
Ambient temperature	-20～+60℃ (-4～+140°F)
Mounting	Surface wall mount (Directly to wall or electrical box)
Electrical box	Single-gang box
Material	Front panel: Zinc die cast. Main unit:Self-extinguishing PC + ABS resin
Weight	Approx.650g
IP rating	IP54
IK rating	IK08

JO-DVF

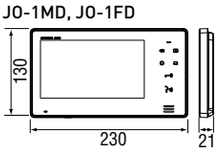
Power source	Supplied from Master monitor station or Expansion monitor station
Type of communication	Open voice hands-free communication
Camera	1/4 inch color CMOS
Ambient temperature	-20～+60℃
Mounting	Flush mount
Electrical box	Not used(Mounts on built-in back box)
Material	Front panel: Stainless steel. Main unit: Self-extinguishing PC + ABS resin
Weight	Approx.580g
IP rating	IP54
IK rating	IK07

Unit Dimensions

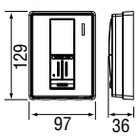
JO-1MDW



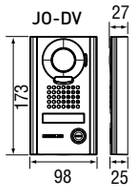
JO-1MD, JO-1FD



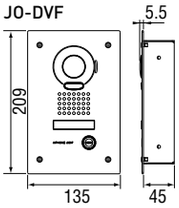
JO-DA



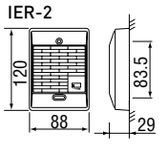
JO-DV



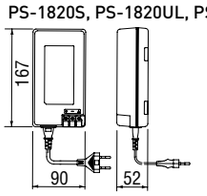
JO-DVF



IER-2



PS-1820S, PS-1820UL, PS-1820BF, PS-1820*



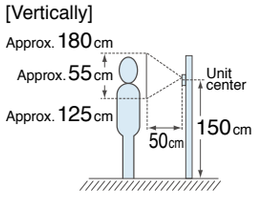
Type of plug

PS-1820S PS-1820UL PS-1820BF

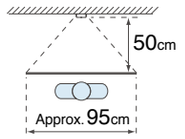
*AC cord & plug is not included with PS-1820.

Mounting positions and image view area

[Vertically]



[Horizontally]



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7-INCH TOUCH SCREEN

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Deming Medal

ISO 9001

JQA-0291
Corresponding product:
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Order product
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ISO 14001

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