

AIPHONE

J0 series

HANDS-FREE
VIDEO INTERCOM
7-INCH TOUCH SCREEN



J0 Series with smartphone connectivity. Enhanced convenience and security for



J0-1MDW

- 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



J0-1MDW



micro SD
micro SDHC
(4GB~32GB)



Smartphone









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 electric 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 | <ul style="list-style-type: none">  ... Dust and moisture resistant  ... Nighttime LED |  JO-DV | <ul style="list-style-type: none">  ... Dust and moisture resistant  ... Ruggedized against vandalism  ... ZINC material  ... Nighttime LED |  JO-DVF | <ul style="list-style-type: none">  ... Dust and moisture resistant  ... Ruggedized against vandalism  ... STAINLESS STEEL material  ... Nighttime LED |
|---|--|---|---|--|--|

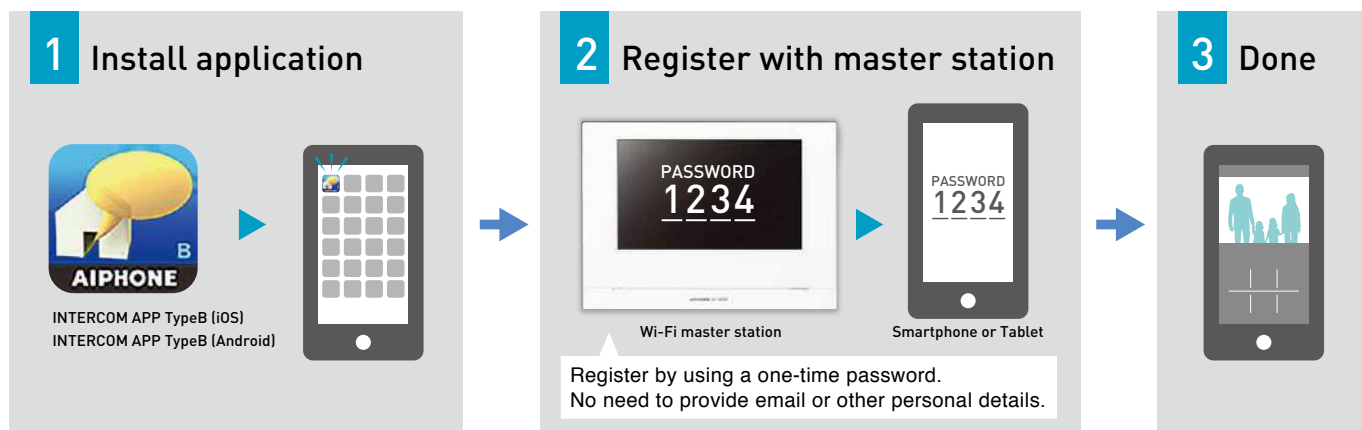
Smartphone Application provides connectivity everywhere.



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

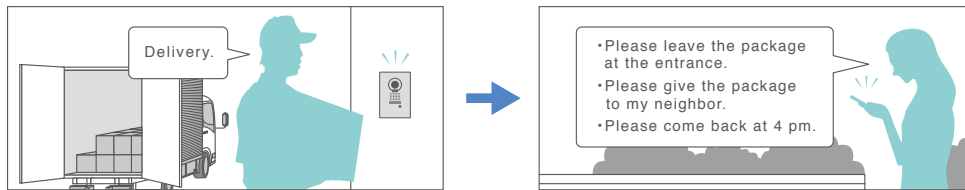


Usage Example

Answer calls anywhere inside or outside your home



Handle deliveries when not at home



Open your door from anywhere

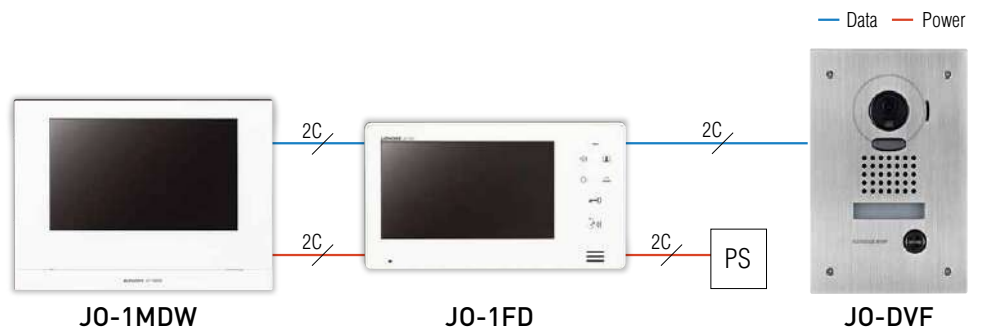


Notes

- 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.

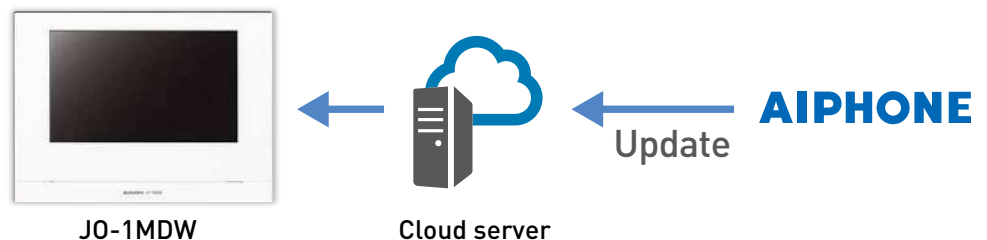
Simple installation

Connect all units in the system with just 2 wires.

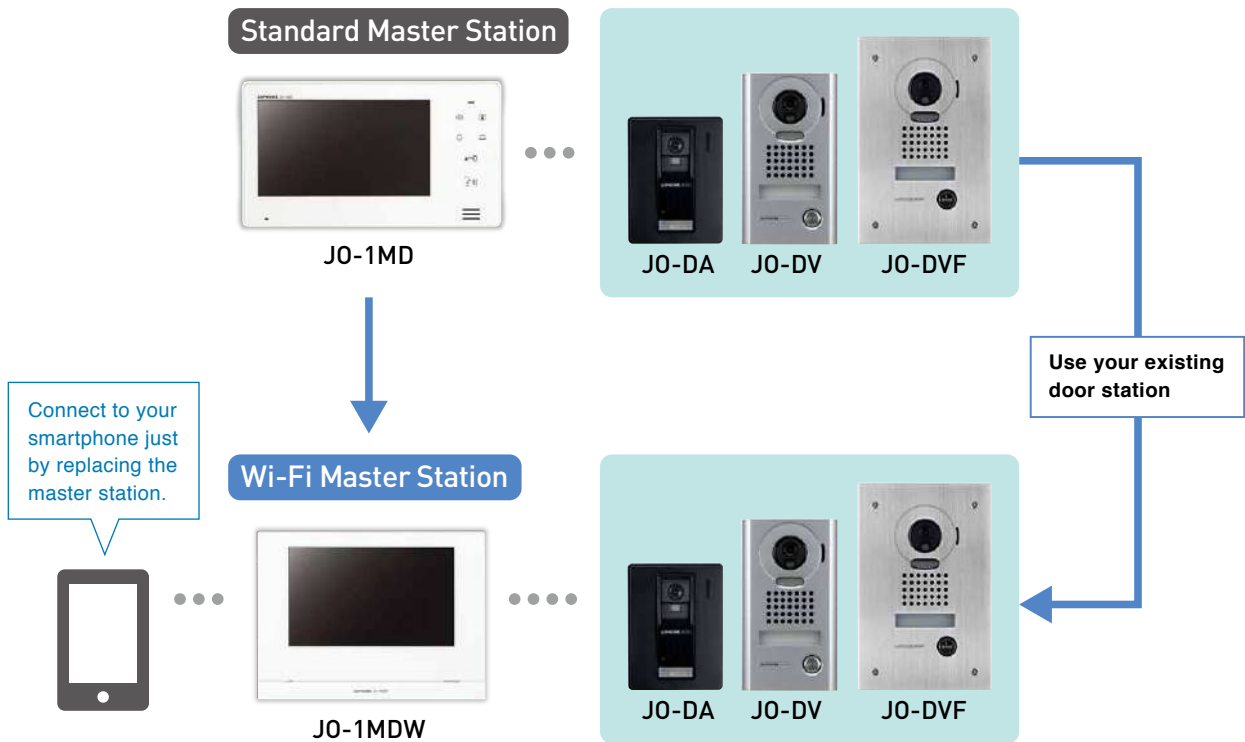


Automatic updates

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

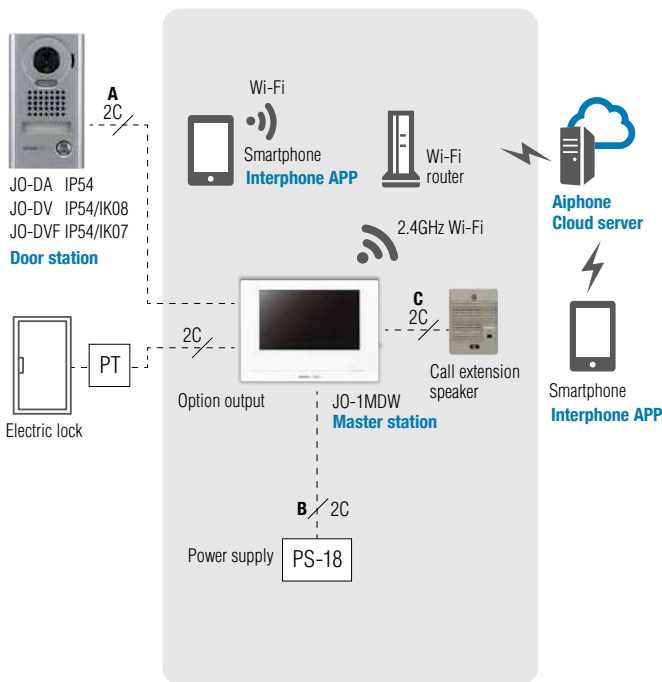


Compatible with existing JO series.

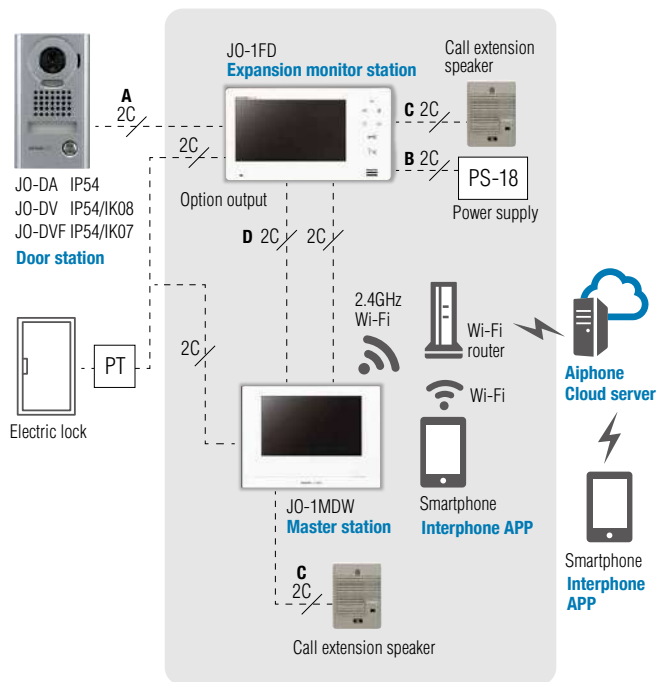


System Configuration

• 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°C |
| Wireless 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°C |
| 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°C |
| 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°C |
| 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

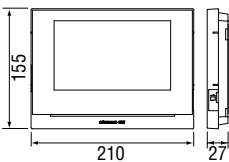
| | |
|-----------------------|---|
| Power source | Supplied from Master monitor station, Expansion monitor station, or Guard station |
| Type of communication | Open voice hands-free communication |
| Camera | 1/4 inch color CMOS |
| Ambient temperature | -20~+60°C (-4~+140°F) |
| Mounting | Surface 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

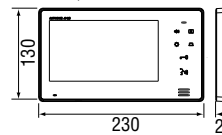
| | |
|-----------------------|---|
| Power source | Supplied from Master monitor station or Expansion monitor station |
| Type of communication | Open voice hands-free communication |
| Camera | 1/4 inch color CMOS |
| Ambient temperature | -20~+60°C |
| Mounting | Flush mount |
| Electrical box | Not 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

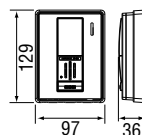
JO-1MDW



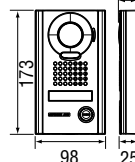
JO-1MD, JO-1FD



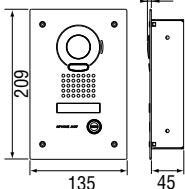
JO-DA



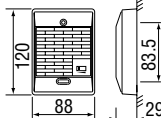
JO-DV



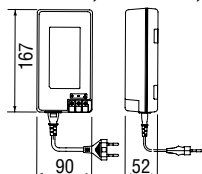
JO-DVF



IER-2



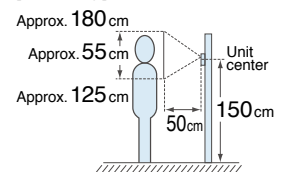
PS-1820S, PS-1820UL, PS-1820BF, PS-1820*



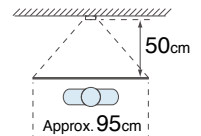
* AC cord & plug is not included with PS-1820.

Mounting positions and image view area

[Vertically]



[Horizontally]



JO series

HANDS-FREE
VIDEO INTERCOM
7-INCH TOUCH SCREEN

Distributed by :



 **AIPHONE**[®]
Providing Peace of Mind
<https://www.aiphone.net/>

JO(E)1811A

All rights reserved. All statements valid at time of printing. The design and specifications are subject to change without notice for improvement.

Printed in Japan (E)
MB61066AHZ