AIPHONE

7-inch Touchscreen Intercom

JP Series
Large 7" Screen with

Providing a slim, low-profile design, the JP Series offers elegant styling and easy to use functionality.

- **User-friendly touchscreen navigation**
- **Wide-angle door camera allows greater viewing of a visitor**
- **Expandable-station capacity up to 4 doors and 8 inside stations**
- **Integrate-analog CCTV cameras or other security type devices for full functionality**
Superior Image Quality

7-inch Touchscreen Intercom

JP Series
Perfect system for small offices and as well as small to large home and

The JP Series of intercoms provide high quality functions for a diverse

Example: Commercial Campus

Great solution for sites with several facilities, such as offices, factories, and warehouses

The JP Series is the optimal intercom system for communication between areas at different locations on the same grounds. The also provides internal communication between different office buildings, main-gate security, CCTV surveillance rooms, and other locations.

Other Recommended Installation Sites

- Schools
- Retail shops
other commercial sites, residential locations

range of commercial applications, residential styles, and various applications.

Example: Residential Dwelling

Flexible communication and security capability for a private residence

The JP Series also provides internal communication and monitoring between all other stations with a push of a button. Greater security integrating a separate security camera, smoke detector or other prevention devices.

Other Recommended Installation Sites

Small offices
Main Features

**Large 7-inch screen displaying Sharp video provides a clear view of detailed areas.**

- **Focus on a particular area for more detail**
  - **Zoom**
    Using the touchscreen, zoom in on visitor faces and other specific areas.
    - [Wide view]
    - [Zoom view]

- **PanTilt**
  Using the PanTilt function, view details such as ID badges or labels.
  - [Zoom view]
  - [PanTilt view]

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The JP Series’ 170° horizontal angle and 100° vertical angle camera minimizes blind spots, ensuring a clear view of the door station area.

The JP Series’ vandal-resistant door stations have an impact-resistance rating of IK08.

High-durability lenses permit use even without a cover. This prevents glare from reflections of scattered light on the lens cover, and also reduces lens clouding from condensation.

The JP Series’ vandal-resistant door stations have an impact-resistance rating of IK08.

Full functionality for a multitude

User-Friendly Touchscreen Navigation

Use the JP Series touchscreen to easily control all functions of the system.

Large buttons and intuitive icons allow for quick navigation and control.

Internal communication

[ All call ]
Simultaneously make an announcement to all master stations.

[ Individual call ]
Select a single master station to call.
of basic communication needs

● **Flexible communication – all-in-one device**

**Hands-free (One Touch)**
Simply touch the screen and easily communicate with visitors using the built-in microphone and speaker.

**Handset**
Need privacy? Just pick up the handset at any time during conversation. It is perfect for high-noise areas!

● **Features for the visually and hearing Impaired**

**Visual and Audio guides using select door stations**
Simple audio and visual indicators help impaired visitors use the system. Cues guide visitors through call placement, communication, and access.

**Audio guide**

**Visual guide**

**T-Coil connection for hearing aids**
The JP Series master station is equipped with T-coil support for T-coil-compatible hearing aids.

● **Audio monitoring of other master stations**

Master stations can be set to monitor audio from other master stations. Quickly check in on family members.

● **Available in 9 languages**
Choose from English, German, French, Italian, Spanish, Dutch, Norwegian, Traditional Chinese, or Simplified Chinese.
After a call is placed, the JP Series records 6 pictures per call to internal memory.

If an SD / SDHC card (not included) is set as the primary storage location, recording frequency increases to 4 pictures per second for up to 10 seconds per call.

Record outside disturbances by pushing the manual record button.

Somebody you don’t know? Record them in case something happens.

Automatically record visitors who come to your door

- **Built-in memory**
  - After a call is placed, the JP Series records 6 pictures per call to internal memory.
  - 3 pictures in Zoom mode
  - 3 pictures in Wide mode

- **SD card**
  - If an SD / SDHC card (not included) is set as the primary storage location, recording frequency increases to 4 pictures per second for up to 10 seconds per call.
  - 10 seconds (up to 40 pictures)

See images clearly day and night

The JP Series is equipped with an advanced light adjustment feature to compensate for varying light levels. If a picture is too dark, use the ADJUST feature to increase brightness at the door station.

Day time with strong backlight

<table>
<thead>
<tr>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>The image is simulated.</td>
<td>The image is simulated.</td>
</tr>
</tbody>
</table>

Night time with low light

<table>
<thead>
<tr>
<th>Before</th>
<th>After</th>
</tr>
</thead>
<tbody>
<tr>
<td>The image is simulated.</td>
<td>The image is simulated.</td>
</tr>
</tbody>
</table>
Integrate with emergency buttons and sensors for heightened security in every situation

The JP Series can be combined with up to three optional input circuits, including emergency buttons, smoke detectors, and gas-leak alarms. The intercom system (master station) provides an audio and visual warning if a button is pressed or a sensor activated.

Add surveillance cameras for additional video viewing

Installing cameras makes it possible to view entranceways, garages, gates, and other outside areas on the intercom monitor. Redundant security through use of door station and CCTV can further boost performance as a protection system.

Connect CCTV and Audio Door Station

See the surrounding area by connecting a security camera with the JPW-BA adaptor. The same adaptor allows for two way communication when a GT-D is added.
Flexible wiring to accommodate a

The units wire using CAT-5e/6 cable, allowing for easy installation into new or retrofit projects.

Wiring distance between each device

<table>
<thead>
<tr>
<th></th>
<th>CAT-5e/6 (24AWG)</th>
<th>Wire diameter (PE cable)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>[A]</td>
<td>30m (98’)</td>
<td>Ø0.65 mm (22 AWG)</td>
<td>When 3 room stations are powered by a single power supply</td>
</tr>
<tr>
<td>[B]</td>
<td>200m (650’)</td>
<td>Ø0.6 mm (20 AWG)</td>
<td>-</td>
</tr>
<tr>
<td>[C]</td>
<td>50m (165’)</td>
<td>Ø1.0 mm (18 AWG)</td>
<td>When 2 room stations are powered by a single power supply</td>
</tr>
<tr>
<td>[D]</td>
<td>50m (165’)</td>
<td>Ø0.8 mm (16 AWG)</td>
<td>-</td>
</tr>
<tr>
<td>[E]</td>
<td>-</td>
<td>Ø1.2 mm (14 AWG)</td>
<td>-</td>
</tr>
<tr>
<td>[F]</td>
<td>-</td>
<td>Ø1.2 mm (12 AWG)</td>
<td>-</td>
</tr>
<tr>
<td>[G]</td>
<td>-</td>
<td>Ø1.0 mm (10 AWG)</td>
<td>-</td>
</tr>
<tr>
<td>[H]</td>
<td>-</td>
<td>Ø0.8 mm (8 AWG)</td>
<td>-</td>
</tr>
<tr>
<td>[I]</td>
<td>-</td>
<td>Ø0.6 mm (6 AWG)</td>
<td>-</td>
</tr>
</tbody>
</table>

Station-to-Station (Daisy-chain) Wiring

Directly connect a master station to a sub master station. This wiring style is perfect for projects where maximum distance is a concern.

Cumulative total wiring distance (using CAT-5e/6 cables): Max. 300m (980’)

[([A]×2) + ([B]×2) + [C] = Max. 300m (980’)]

Centralized (Home-run) Wiring

Connect master stations to a central wiring adaptor to simplify wiring over a widespread project.

Cumulative total wiring distance (using CAT-5e/6 cables): Max. 300m (980’)

[([B] + ([D]×7) = Max. 300m (980’)]

(*1) The master station requires a power supply.

(*2) Up to 4 sub master stations can be powered with one power supply. Use two power supplies for 5 - 7 sub master stations.

- See "Wiring distance between each device" above for the maximum distance between each device.
Long distance wiring and CCTV integration

With various wiring methods, family and property can remain secure even over long distances. Integrating CCTV cameras provides the consumer additional surveillance around the home or office.

Drastically extend the maximum distance between door and master stations.

Double the wiring distance between the door and master stations by using the JPW-BA adaptor. When used, the maximum distance can reach an amazing 600m!

Connect CCTV and Audio Door Station

See the surrounding area by connecting a security camera using the JPW-BA adaptor. The same adaptor allows for two way communication when a GT-D is added.

Connect a system using both station-to-station and centralized wiring to meet the requirements of the project.

Combined Wiring

Connect CCTV and Audio Door Station (GT-D)

Connecting CCTV and audio door station (GT-D)

Long distance wiring and CCTV integration

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Connecting CCTV and audio door station (GT-D)

Connecting CCTV and audio door station (GT-D)
Components

**Master station**

JP-4MED  
Hands-free color video intercom master station

**Sub master station**

JP-4HD  
Hands-free color video intercom sub master station

**Boxed set**

JPS-4AED : JP-4MED & JP-DA  
JPS-4AEDV : JP-4MED & JP-DV  
JPS-4AEDF : JP-4MED & JP-DVF  
Add appropriate power supply

**Video door station**

JP-DA  
PanTilt & Zoom video door station, surface mount

JP-DV  
PanTilt & Zoom vandal-resistant video door station, surface mount

JP-DVF  
PanTilt & Zoom vandal-resistant video door station, flush mount

JP-DVF-L  
PanTilt & Zoom vandal-resistant video door station, flush mount (Guidance-enabled type)

**Door station**

GT-D  
Audio only door station

**Adaptor**

JPW-BA  
Long distance adaptor

JP-8Z  
Distribution adaptor

RY-3DL  
Multiple door release adaptor

**Power supply**

PS-2420S, PS-2420UL  
24V DC Power supply

IER-2  
Call extension speaker

AC-10S  
Access control keypad, surface mount

**Other**

JP-DV + AC-10S
### Specifications

**Inside stations (JP-4MED / JP-4HD)**

<table>
<thead>
<tr>
<th>Power supply</th>
<th>DC 24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current consumption</td>
<td>JP-4MED: 340mA / JP-4HD: 200mA</td>
</tr>
</tbody>
</table>
| Communication | Handset: Simultaneous communication  
Hands-free: Auto-voice actuation |
| Ambient temperature | 0 - 40°C |
| Monitor | 7 inch color LCD |
| Mounting | Wall-mount |
| Back box | 3-gang box |
| Material | Flame resistant ABS resin |
| Color | White |
| Weight | JP-4MED: Approx. 790g / JP-4HD: Approx. 780g |


| Operating temperature | -10 - 60°C |
| Weight | JP-DA: Approx. 175g  
JP-DV: Approx. 650g  
JP-DVF: Approx. 570g  
Flush mount back box: Approx. 450g  
JP-DVF-L: Approx. 980g  
Flush mount back box: Approx. 670g |

**JPW-BA**

<table>
<thead>
<tr>
<th>Power supply</th>
<th>DC 24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current consumption</td>
<td>90mA</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>0 - 40°C</td>
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<tr>
<td>Mounting</td>
<td>DIN rail</td>
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<tr>
<td>Weight</td>
<td>Approx. 200g</td>
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</tbody>
</table>

**JP-8Z**

<table>
<thead>
<tr>
<th>Power supply</th>
<th>DC 24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature</td>
<td>0 - 40°C</td>
</tr>
<tr>
<td>Mounting</td>
<td>DIN rail</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 210g</td>
</tr>
</tbody>
</table>