

JA Series

AIPHONE®

Open Voice PanTilt Color Video
Integratable Entry Security Solution



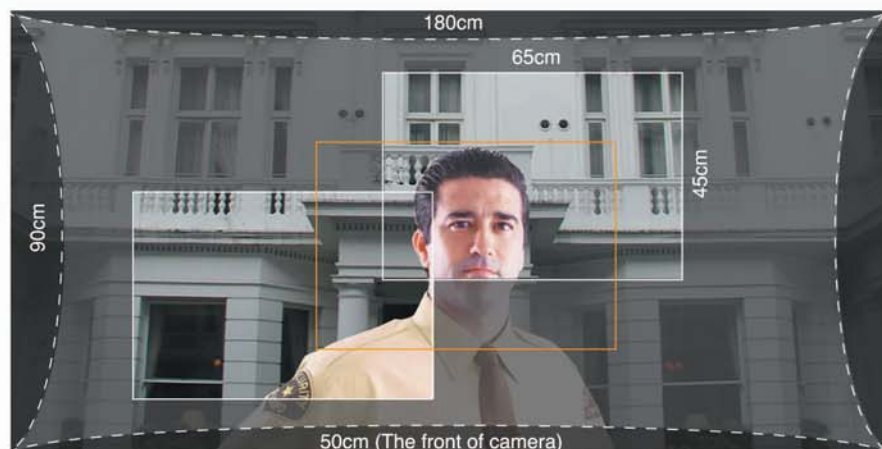
Shown : JA-2MECD

The JA Series is designed to meet all your entry security needs. Expanded capacity, seamless integration to CCTV system, and built in selective door release are just a few of the standard features of this remarkable system. Adding an optional digital recorder style master ensures that all facets of a CCTV system can be covered in one convenient package.

Aiphone's color video system protects homes

2 PanTilt video door stations and 2 Motion-sensor cameras allow you to visually communicate with visitors and spot suspicious people from 3 rooms, and the camera images can be recorded.

PanTilt enables control over a wide field of vision.



The field of vision can be controlled in any direction to match the standing position of the visitor

The image of the PanTilt video door station can be adjusted to a more visible position from inside the building, using control located below the four inch color monitor.



The motion sensor camera detects intruders, alerts the inside through a video image and alarm.

Activate



Replay



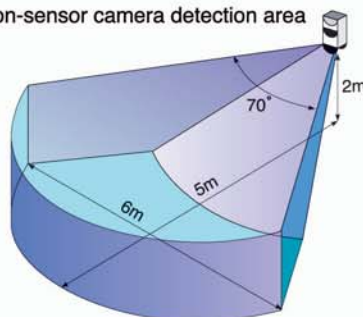
Alerts interior stations with video and alarm activation

- When an intruder is detected, the inside of the building is alerted through a video image and alarm.
- The motion-sensor camera activates 1 minute after the SET button is pressed.

Recording capability

- When motion sensor is activated, interior stations turns on, and alarm sounds and an image is saved. (Will not record people who pass through)

■ Motion-sensor camera detection area



and businesses using up to four cameras.

4 Inch
Color monitor



JA-2MECD
Master station w/color monitor,
PanTilt, picture memory

or



JA-2MCD
Master station w/color
monitor, PanTilt
Non-picture memory



Video output (NTSC)
A composite video output
is provided from the
JA master station



JA-2HCD
Sub station
w/color monitor, PanTilt

or



JA-2SD
Audio sub station



JA-2HCD
Sub station
w/color monitor, PanTilt

or



JA-2SD
Audio sub station

Recording images from door and camera stations using the JA-2MECD



Record 4 screens in 4-second intervals
Be sure to get an image even if
the visitor moves.

4 types of recording mode

- (1) 16 screens (4 screens in succession)
- (2) 16 screens (full screen recording)
- (3) 32 screens (full screen recording)
- (4) 60 screens (full screen recording)



Enlarge the best shot

Enlarge and play the shot with
the most recognizable face.

Save up to 8 scenes

Up to 8 of the recorded scenes
can be saved on the station.



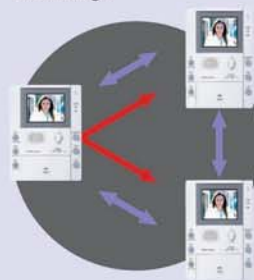
Record while talking

Manual recording is possible
even while talking with the
door station.

Function for monitoring and recording suspicious behavior

•If you think there is something
suspicious outside, press the
MONITOR button on any inside unit
to see and hear what's going on.

•Press the REC button to manually activate the image
recording.



Room-to-Room Communication

All-Call to all room stations
simultaneously from any of the
connected room stations. Reply
to an all call by simply pressing
the "TALK" button. Door calls
may be transferred to any
station in the system.

Nighttime visitors can also be viewed in color

Color video is operational during low light
conditions when white illuminator LEDs
built into the video door station
automatically activate. (Brightness of subject 5 lux or
more, approx. 30cm in front of the camera)

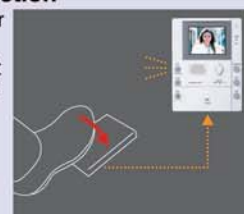


Electric door release

Two door release contacts for selective control.

External talk switch Connection

An optional foot switch or any other
dry closure contact device can
operate the "TALK" switch. When it
is difficult to press the TALK button
on the monitor for whatever
reason, you can communicate by
stepping on a foot switch. Any
normally open switch can be used
to activate the TALK button.



Stations & Accessories

PanTilt Video Door Station (Max. 2 per system)

JA-DGC

Semi-flush mount PanTilt Door Station

- Weather resistant
- Hands-free audio communication
- PanTilt color camera
- Mounts to a three-gang box
- Aluminum die-casting panel
- White illumination LEDs for low light conditions
- Illuminated call button



JA-DAC

Surface Mount PanTilt Door Station

- Weather resistant
- Constructed of durable ABS plastic
- PanTilt color camera
- Mounts to a one-gang box
- White illumination LEDs for low light conditions
- Illuminated call button



Audio Door Station (Max. 1 per system)

JA-D

Audio Door Station

- Used in place of one video door station
- Hands-free audio communication
- Constructed of durable ABS plastic
- Mounts to a one-gang box



Camera (Max. 2 per system)

JDW-C

Motion Sensor Camera

- Weather resistant
- Mounts to a one-gang box
- Heat ray type sensor detection



Master Station (1 Req. per system)

JA-2MECD/JA-2MCD

- 4" TFT color video monitor
- Hands-free VOX or Push-To-Talk communication
- PanTilt controls
- Built-in picture memory (JA-2MECD Only)
- Built-in video output
- All Call to other units in system
- Instant-on when called
- Can activate door stations or Motion-sensor cameras
- Selective door release



Sub Station (Max. 2 per system)

JA-2HCD

- 4" TFT color video monitor
- Hands-free VOX or Push-To-Talk communication
- PanTilt controls
- All Call to other units in system
- Instant-on when called
- Can activate door stations or Motion-sensor cameras
- Selective door release



JA-2SD

Audio Sub Station

- Hands-free VOX or Push-To-Talk Communication
- All Call to other units in system
- Instant on when called
- Selective door release



Accessories



KAW-D
30 Degree mounting
bracket for JA-DAC or JA-D



IER-2
Door call-in chime
extension speaker



JBW-BA
Long distance adaptor
Up to 350m distance
between video door station
and master station

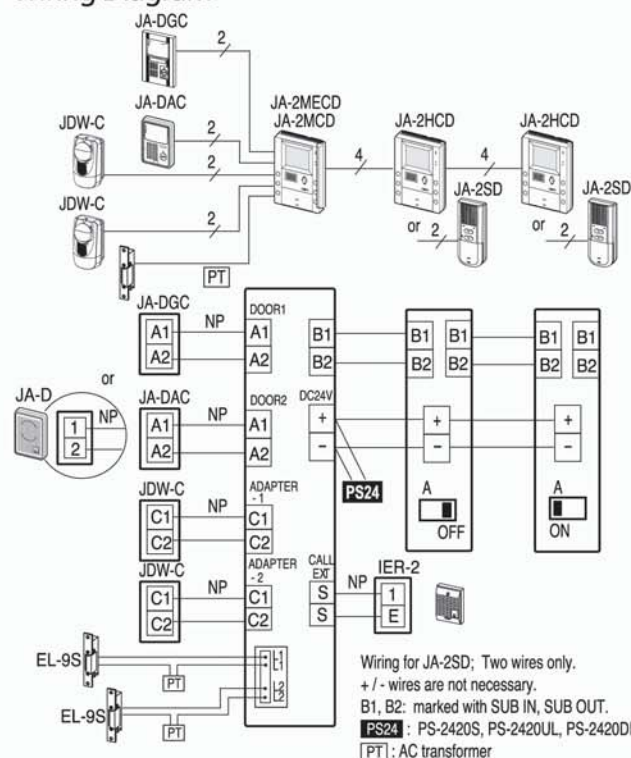


EL-9S
Door release 12V AC, 0.35A
(Requires an AC transformer)

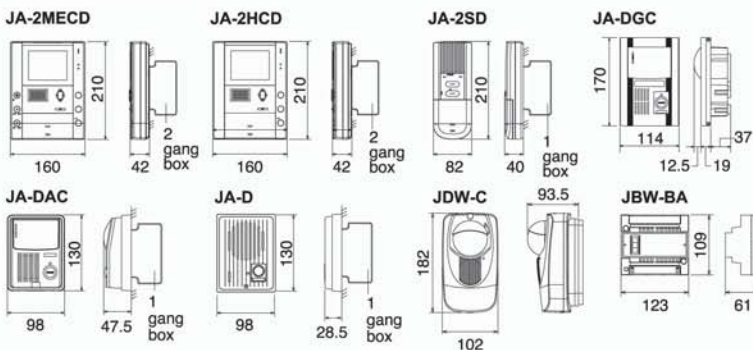
Specifications (JA-2MECD, JA-2MCD)

Power source	DC 24V (Use PS-2420S, PS-2420UL, PS-2420DIN)
Current consumption	JA-2MECD: max.750mA. JA-2MCD: 680mA JA-2HCD: 290mA
Calling	Chime. Image & voice, approx. 30 sec.
Communication	AUTO; Press TALK momentarily, then talk/listen is auto voice-actuated MANUAL; Press TALK 1 sec. or more Then, press to talk, release to listen
Video monitor	4" TFT color LCD
Scanning line	525 lines
Door release	AC 12V, 350mA (dry closure contact L,L)
Wiring	2-wire parallel, door to master 4-wire parallel, station to station Vinyl-jacket, PE insulation (Non-Twisted, Non-Shielded)
Wiring distance	JA Master - Door 100m (1.0mmø) JA Master - JA sub 100m (1.0mmø) JA Master - Power 10m (1.0mmø) JA Master - JDW-C 100m (1.0mmø)

Wiring Diagram



Unit Dimensions



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JQA-0921
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