

 **AIPHONE®**

HANDS-FREE COLOR VIDEO INTERCOM

JB-Series

PICTURE MEMORY



ACTUAL SIZE

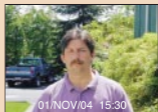
Hands-free Communication!
Convenient and Easy to Use

Picture memory



4-Frame Recording with Individual Viewing

With 4-frame recording, visitors are clearly recorded even if they are moving. The image with the best view can be viewed individually, full screen.



- **Manual recording**
You can manually record a visitor at anytime.
- **Selectable picture recording mode**
 - ① 4-frame recording × 16 pictures
 - ② 1-frame recording × 16 pictures
 - ③ 1-frame recording × 32 pictures
 - ④ 1-frame recording × 60 pictures
- **Store up to 8 Images in memory**
Stored images cannot be overwritten.

External sensor

Add a sensor-activated notice.

While in Absence mode an alarm will be heard and the screen will show a warning sign when a motion detector is activated. Alarm will automatically reset after user determined 6 or 30 seconds. Any device with normally open or closed dry contacts can be used.



**Alarm function will only function when the monitor is in Absence mode.
Alarm function does not activate during communication nor within 1 min. after setting the absence mode.*

Quick and Convenient Hands-free Communication for Door answering and Intercommunication.

JB Hands-free Color Video Entry Security Intercom



It seems that you never have enough hands to keep up with the many tasks required on a daily basis. Aiphone's JB Series can provide you with crisp color video, with or without automatic memory and clear hands-free audio communication! When a call comes in, momentarily press the large TALK button and begin your conversation. Both sides of the conversation are completely hands-free!

**An optional foot switch or any other dry closure can operate the "TALK" switch externally.*

**If automatic hands-free communication is not desired, manual TALK/LISTEN operation can be utilized.*

Vandal-Resistant Door Stations



The standard JB door station, JB-DA, comes in a compact surface mount plastic enclosure. If you desire Vandal Resistant Intercom, choose either JB-DV, surface mount with a Zinc die-cast enclosure, or JB-DVF, flush mount with a Stainless steel panel.

Color Video Identification Day or Night



The JB Series system provides a bright and crisp color image in different lighting conditions. The built-in white illuminator LED's in the door station automatically activate during low light conditions.



Station-to-Station Communication



All-Call to all stations simultaneously from any of the connected room stations. To reply to an all-call announcement answer same way as answering a door. Also, transfer a door call to any other station with the push of a button.

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 footswitch. Any Normally open switch can be used to activate the TALK button.

DOOR

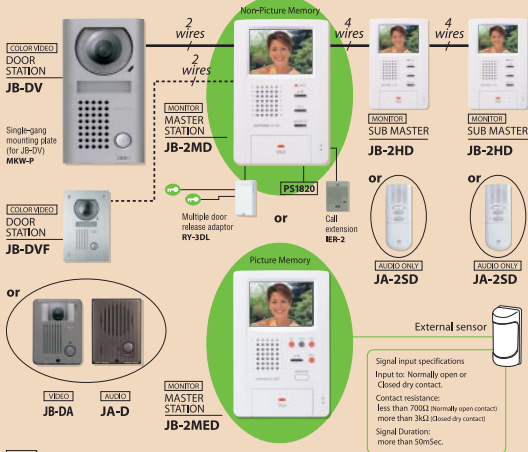
ROOM

2

3

VIDEO ENTRY SECURITY

* The image on the monitors is simulated.



PS1820 : PS-1820DIN, PS-1820UL, PS-1820S

Variety of Boxed sets

JB-2MD KIT



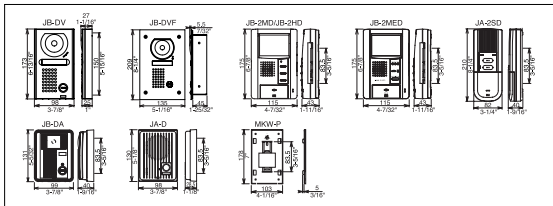
JB-2MED KIT (Picture memory)



The JB Series is available in six different boxed sets. Each boxed set consists of one each; door station, master station, and power supply. Each system is expandable by adding an additional door station, video monitor, or audio substation. Maximum 2 door and three inside stations.

*When there are two door stations installed, individual electric door release may be installed. Requires RY-3DL.

UNIT DIMENSIONS



Camera Position & Image Area

The camera angle can be adjusted to 3 levels (JB-DA only)

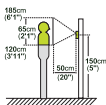


Image view area (JB-DV, JB-DVF, JB-DA)



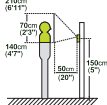
JB-DV, JB-DVF, JB-DA

• Initial straight forward position



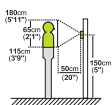
JB-DA only

• 16° up position



JB-DA only

• 6° down position



SPECIFICATIONS

Power source:	DC 18V
Consumption:	Max. 670mA (JB-2MD, JB-2MED), Max. 250mA (JB-2HD)
Power supply:	PS-1820UL, PS-1820S, PS-1820DIN, PS-1810DIN (for 1 monitor)
Calling:	Chime. Image & audio approx. 30 sec.
Communication:	AUTOMATIC (Handsfree); To activate, momentarily depress TALK button. MANUAL (Press-to-talk/Release-to-listen); To activate, press TALK button for 2 sec. or until talk LED turns on.
Video monitor:	3-1/2" direct-view TFT color LCD
Scanning line:	525 lines
Door release:	AC 12V, 0.4A (dry contact identified by "L.L." terminals)
Dimensions:	175H x 115W x 43D (mm), 6-7/8"H x 4-7/32"W x 1-1/16"D
Weight:	JB-2MD, JB-2MED 400g (0.9 lbs.) approx.

Hands-free communication is activated by automatic voice switching circuitry, which may cause intermittent audio by the environmental noise level of either inside or outside stations.

WIRING & CABLE

Four-conductors Monitor-to-Monitor wiring
Recommended: Parallel cable or single-sheathed cable.
Vinyl-jacket, PE (polyethylene) insulation. Never use twisted or shielded pairs, coax. cable or individual wires.

Distance: $\phi 1.0\text{mm}$ 18AWG

JB-DV/JA-D to Master	100m	330'
Master to Sub	100m	330'
Master to Power Supply	10m	33'
Master to IER-2	150m	500'

Distributed by :

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Densetsu Medal

ISO 9001



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ISO 14001



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Providing Peace of Mind

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