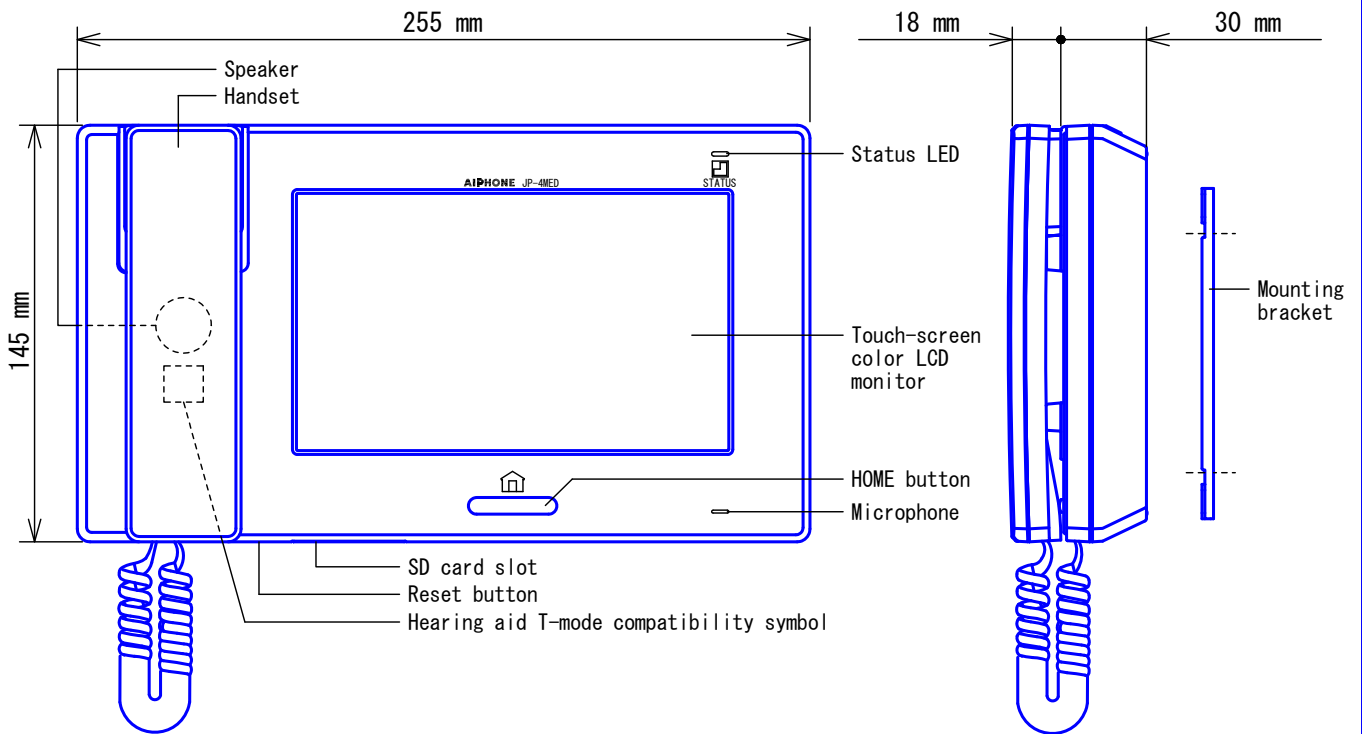
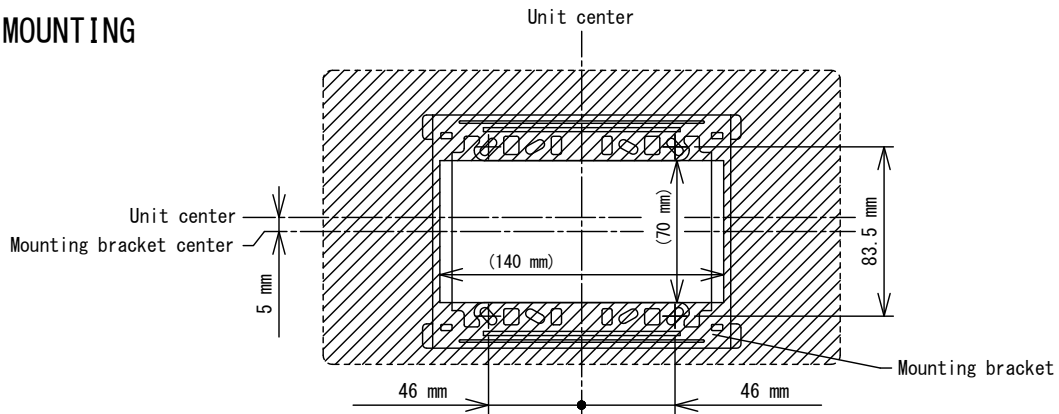


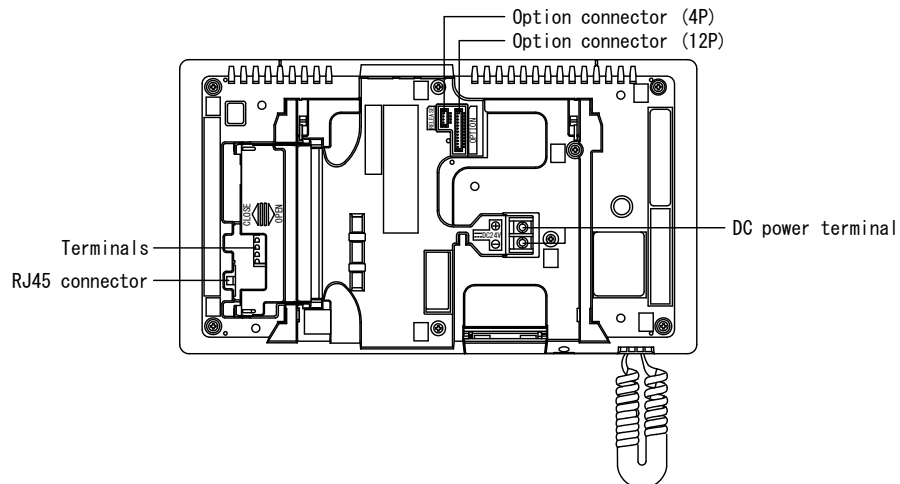
■ PRODUCT DRAWING



● MOUNTING



(): Opening cut out on the wall.



| | | | |
|--------------------------------------|-------------------------------------|-------------|-------------------------|
| DESCRIPTION MASTER STATION | FIG. NAME PRODUCT DRAWING | UNIT mm | DATE 6 October, 2014 |
| MODEL NO. JP-4MED | FIG. NO. 59615-1-7 | PAGE 1/7 | REVISION 1 |
| | | | AIPHONE |

■ SPECIFICATIONS

| | |
|-----------------------|--|
| Power source | 24V DC, Supplied from a power supply |
| Power consumption | 340mA (max.) |
| Video monitor | 7" TFT color LCD |
| Pixels | 1,150,000 pixels |
| Type of communication | Open voice hands-free auto-voice actuation Handset: Simultaneous Communication |
| Ambient temperature | 0~40°C |
| Video door station | 4 unit |
| Sub master station | 7 unit |
| Call extension | 1 unit |
| External sensor input | 3 input (N/O or N/C dry closure contact) |
| | Notification sound |
| Picture memory | Internal memory: 20 pictures (6 shots/picture) SD card: 1,000 pictures (40 shots/picture) (Differs depending on the SD card used.) |
| | Protect picture |
| Door release contact | Internal memory: 5 pictures SD card: 100 pictures |
| Option button output | 24V AC/DC, 0.5A (N/O dry closure contact) |
| Call tone | 24V AC/DC, 1A (N/O dry closure contact) |
| Mounting | 8 selections |
| Electrical box | Surface wall mount |
| Housing | 3-gang box |
| | Unit case: Fire-retardant ABS plastic Acrylic panel |
| Weight | Approx. 790g |
| Unit color | Front case: Snow white(5Y9.3/0.1 Munsell Approximation) |

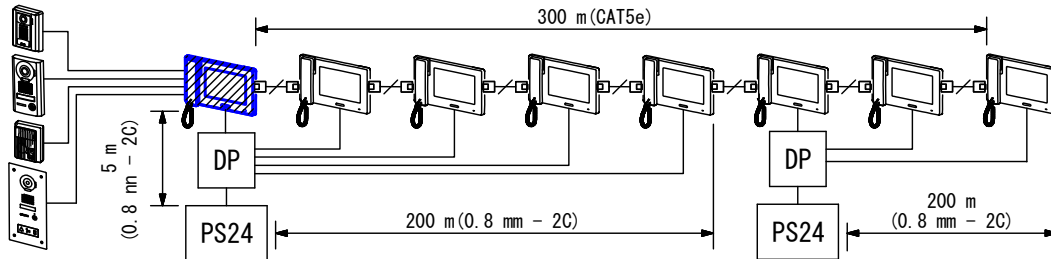
| DESCRIPTION | FIG. NAME | UNIT | DATE |
|-----------------------|-----------------------|------|-----------------|
| MASTER STATION | SPECIFICATIONS | mm | 6 October, 2014 |
| MODEL NO. | FIG. NO. | PAGE | REVISION |
| JP-4MED | 59615-2-7 | 2/7 | 1 |
| | | | AIPHONE |

■ SELECTING POWER SUPPLY METHOD

1. Supplying power directly to each unit from a single power supply

CAUTION :

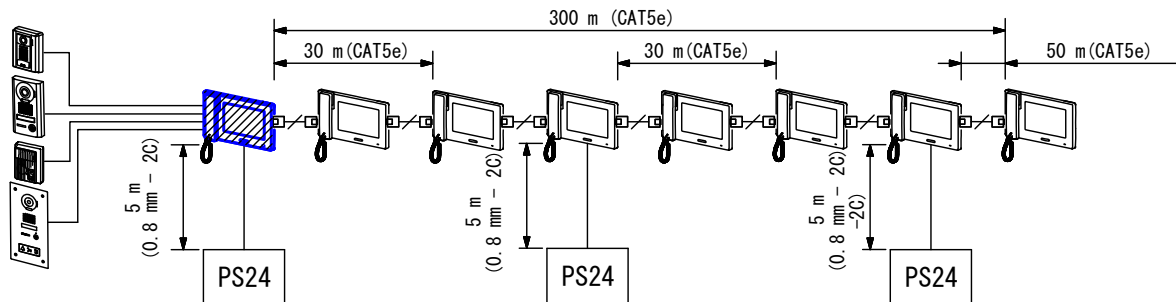
Be sure to distribute the output of the power supply close to the power supply.



The following chart indicates how many units can be powered by a single power supply.

| Combination of units | Master station | Sub master station | Long distance adaptor |
|--|----------------|--------------------|-----------------------|
| Master and sub master stations | 1 | 4 | - |
| Master and sub master stations with long distance adaptors | 1 | 3 | 4 |
| Sub master stations only | - | 6 | - |

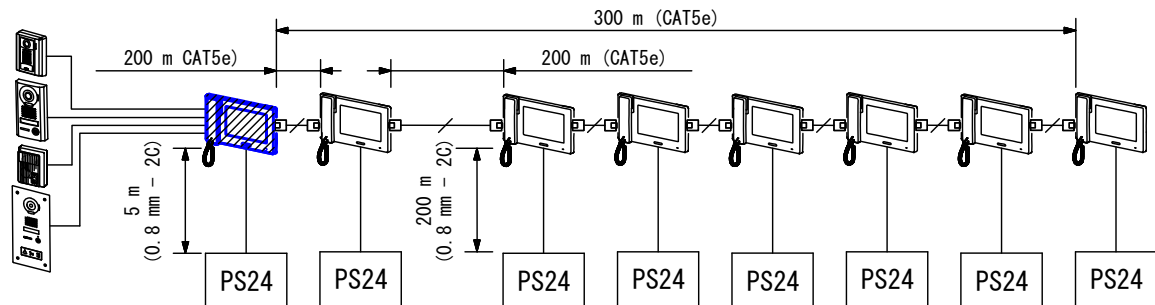
2. Supplying power to sub master stations via wiring with the master station



The following chart indicates how many units can be powered by a single power supply.

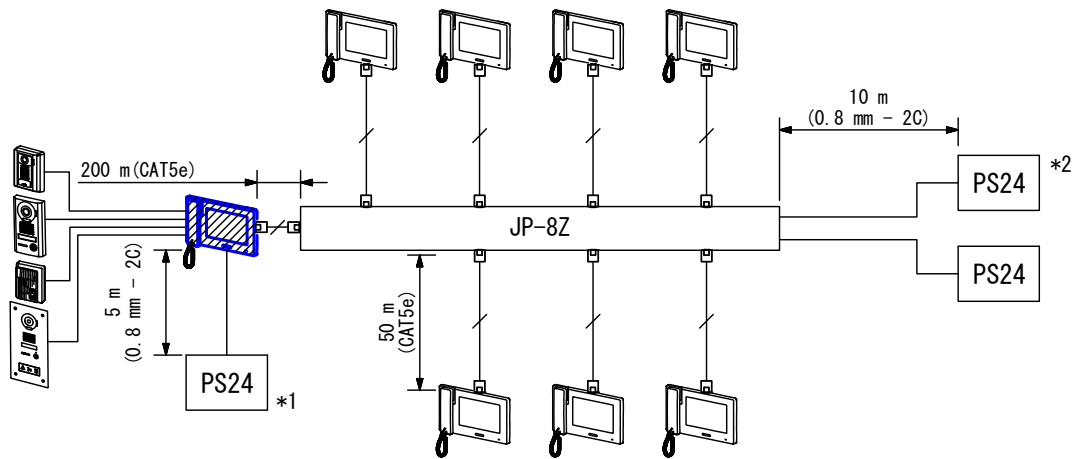
| Combination of units | Master station | Sub master station | Long distance adaptor |
|--|----------------|--------------------|-----------------------|
| Master and sub master stations | 1 | 2 | - |
| Master and sub master stations with long distance adaptors | 1 | 2 | 4 |
| Sub master stations only | - | 3 | - |

3. Connecting a power supply to the master and each sub master station individually



| | | | |
|--------------------------------------|--|-------------|-------------------------|
| DESCRIPTION MASTER STATION | FIG. NAME SELECTING POWER SUPPLY METHOD | UNIT mm | DATE 6 October, 2014 |
| MODEL NO. JP-4MED | FIG. NO. 59615-3-7 | PAGE 3/7 | REVISION 1 |
| | | | AIPHONE |

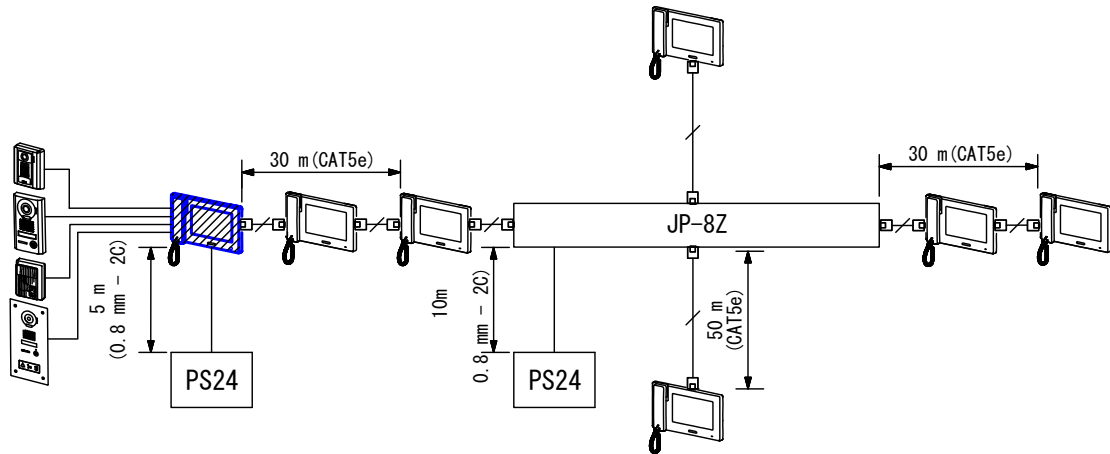
4. Supplying power to sub master stations via a distribution adaptor



*1: The master station needs a power supply.

*2: Up to four sub master stations can be supplied with one power supply.
Use two power supplies for 5 - 7 sub master stations.

5. Mix-and-match methods



PS24 : 24V DC, PS-2420 power supply

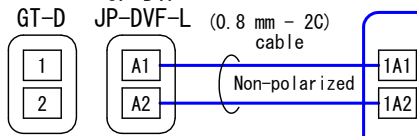
DP : Distribution point

PE: Polyethylene-insulated PVC-coated cable

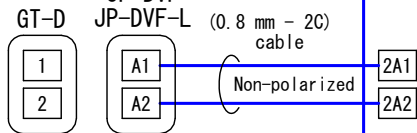
| | | | |
|--------------------------------------|------------------------------------|-------------|-------------------------|
| DESCRIPTION MASTER STATION | FIG. NAME WIRING DIAGRAM | UNIT mm | DATE 6 October, 2014 |
| MODEL NO. JP-4MED | FIG. NO. 59615-4-7 | PAGE 4/7 | REVISION 1 |
| | | | AIPHONE |

WIRING DIAGRAM

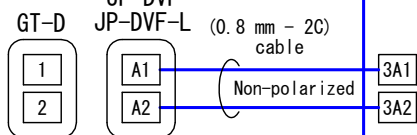
Door station 1
JP-DA, JP-DV
JP-DVF



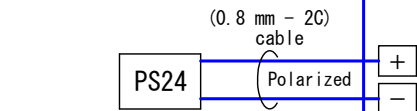
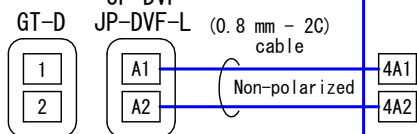
Door station 2
JP-DA, JP-DV
JP-DVF



Door station 3
JP-DA, JP-DV
JP-DVF



Door station 4
JP-DA, JP-DV
JP-DVF



PS24 : 24V DC, PS-2420, power supply

PT : AC transformer

PE: Polyethylene-insulated PVC-coated cable

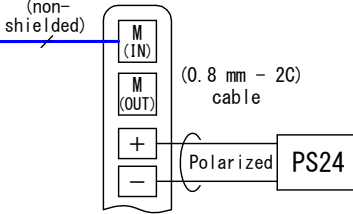
*1.

| | |
|-----------------------------|---|
| Input method | N/O or N/C dry closure contact (start signal only detection method) |
| Detection confirmation time | 100ms or more |
| Contact resistance | During N/O dry closure: Less than 700Ω During N/C dry closure: At least 15kΩ |
| Terminal short current | Less than 10mA |
| Voltage between terminals | Less than 5V DC (when open between terminals) |

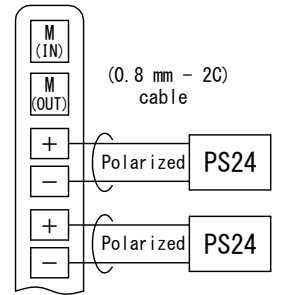
Master station
JP-4MED



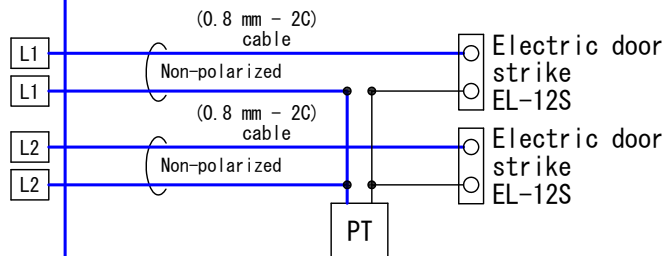
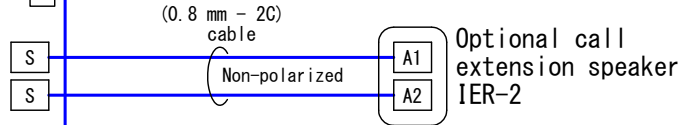
Sub Master station
JP-4HD



Distribution adaptor
JP-8Z

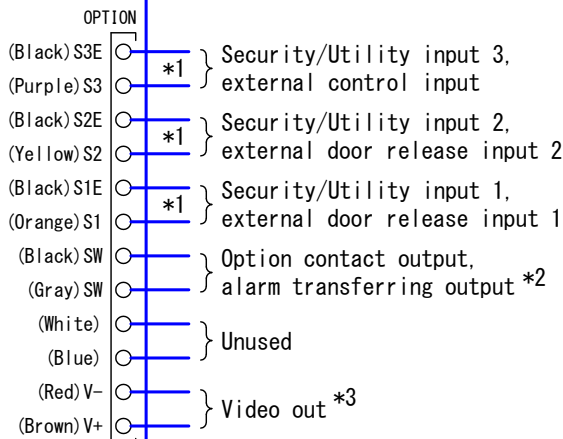


Connect RY-3DL, a multiple door release adapter here.



An EL-12S (AC 12V 0.125A, DC 12V 0.2A) or equivalent part and a separate AC transformer are required.

- Run separate cables for audio/video and door release.
- Door release contact: AC/DC 24V, 0.5A (Minimum Contact: 100mV DC, 0.1mA) (N/O dry closure contact L1, L2).



*2. Connect an alarm sensor, light, etc. here.

Contact capacity:
Maximum overload: N/O dry closure contact AC/DC24V, 1A
Minimum overload: DC5V, 100mA

*3. Outputs video signals to DVRs etc.

- NTSC/PAL, 1Vp-p/75Ω
- Wiring distance: 3m(10')

| | | | |
|--------------------------------------|------------------------------------|-------------|---------------------------------|
| DESCRIPTION MASTER STATION | FIG. NAME WIRING DIAGRAM | UNIT mm | DATE 6 October, 2014 |
| MODEL NO. JP-4MED | FIG. NO. 59615-5-7 | PAGE 5/7 | REVISION 1 AIPHONE |

■ RESTRICTIONS

- Due to hands-free auto-voice actuation system, smooth voice switching may be hindered by voice strength of the opponent or ambient noise, etc.
- One Call extension can be connected. However instant voice call of door station is not available from Call extension.
- The adjusting with call tone volume on the Master station does not vary the volume from Call extension.
- 7 Sub station, JP-4HD can be connected.

■ RESTRICTIONS ON WIRING

- For wiring, it is recommended to use a single vinyl jacketed cable with PE (polyethylene) insulation. The following cables can not be used:
 - Coaxial cable
 - Individual conductors
 - Twisted pair cable
 - Cable with conductors in odd number
- Keep the intercom wires more than 30 cm away from AC power lines. (It causes noise in communication and malfunction) When using the existing cable run, the system may not work properly by type. In that case, it becomes necessary to install a new cable.

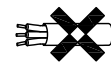
PARALLEL CABLE



COAXIAL CABLE



ODD NO. OF CONDUCTORS



■ FUNCTIONS

- Calling door station, call stand-by approx. 45 or 90 sec./Communication, approx. 1 minute/3 minutes for handset/Ending communication by pressing OFF button.
 - Communication status is steadily lit while speaking./during hands-free operation.
 - Backlight compensation by pressing ADJUST button while monitor is on. (Low light compensation at night. Distinguishing between day and night is automatically done by the door station)
 - ZOOM & WIDE camera control by pressing ZOOM & WIDE button while monitor is on.
 - PanTilt camera control on ZOOM mode.
 - Pre-setting of PanTilt position for ZOOM mode.
 - Instant voice call-in with image (approx. 45 sec.)
 - Room-to-room communication by pressing CALL button, communication approx. 10 min.
 - External sensor input: When external sensor activates, monitor stations are notified notification sounds (When the outdoor output is set, JP-4MED and door station sound at a volume equivalent to "10 (High).")
 - Security function
 - Activating door strike.
 - Option button: Controls external device such as entrance light
- <Picture memory>
- Records call from video door station automatically (First shot is recorded after 2 seconds.) (Total of 1 shot per sec. on the internal memory.) (Total of 4 shots per sec. on the SD card)/The REC mark is shown.
 - Press REC button to record manually/The REC mark is shown.
 - Max. 20 pictures can be recorded on the internal memory (automatic and manual recording), (Up to 1000 can be stored on the SD card (depending on the SD card capacity))
 - Protect max. 5 pictures on the internal memory, Up to 100 can be protected depending on the SD card.






| | | | |
|--------------------------------------|--|-------------|---------------------------------|
| DESCRIPTION MASTER STATION | FIG. NAME RESTRICTIONS/FUNCTIONS | UNIT mm | DATE 6 October, 2014 |
| MODEL NO. JP-4MED | FIG. NO. 59615-6-7 | PAGE 6/7 | REVISION 1 AIPHONE |

SETTING

• Settings after the installation

| Item | Sub item | Setting range | |
|------------------------|---|---|--|
| SECURITY SENSOR INPUTS | (Usage of the inputs 1 - 3) | DISABLE/UTILITY/SECURITY/REQUEST TO EXIT (Inputs 1 and 2 only)/EXT. TALK INPUT (Inputs 3 only)/ | |
| | (Detection method for the inputs 1 - 3) | N/O, N/C | |
| OPTION OUTPUT | EVENT ACTIVATION | DISABLE/ENABLE | |
| | DURATION | MOMENTARY, 1, 3, 5, 10, 15, 20, 25, 30, 60sec. | |
| | TRIGGER EVENT | DOOR CALL/ROOM CALL/ALARM ON/VIDEO OUT | |
| SET DOOR RELEASE | LOCK1/ | OUTPUT METHOD | N/O, N/C |
| | LOCK2 | | |
| | | REFERENCE DOOR (for DOOR1 - 4) | SHOW/HIDE |
| | | DOOR RELEASE DURATION | MOMENTARY, 1, 3, 5, 10, 15, 20, 25, 30, 60sec. |
| INITIALIZE | - | YES/NO | |
| SOFTWARE VERSION | - | - | |

• User setting

| Category | Item | Sub item | Setting range | |
|----------|---|---|---|---|
| CALL | DOOR STATION SETTINGS * | DOOR1/DOOR2/DOOR3/DOOR4 | ENABLE/DISABLE | |
| | | ROOM STATION CALL SETTINGS * | ID2/ID3/ID4/ID5/ID6/ID7/ID8 | ENABLE/DISABLE |
| | CALL TONE | DOOR1/DOOR2/DOOR3/DOOR4/ INTERNAL ROOM CALL | 1 - 8 | |
| | DOOR CALL DURATION | - | 45sec./90sec. | |
| TALK | PRIVACY MODE | - | ENABLE/DISABLE | |
| | AUTO NIGHT VOLUME | - | ENABLE/DISABLE | |
| | VIDEO DOOR LED | - | ENABLE/DISABLE | |
| MONITOR | ROOM MONITOR | - | ENABLE/DISABLE | |
| | VIDEO DOOR LED | - | ENABLE/DISABLE | |
| | DOOR MONITOR DURATION | - | 30sec./60sec./120sec./CONTINUOUS | |
| | ROOM MONITOR DURATION | - | 10min./CONTINUOUS | |
| GENERAL | SOUND SETTING | AUDIBLE TOUCH TONE | - | ENABLE/DISABLE |
| | | VOICE GUIDANCE (JP-DVF-L only) | DOOR 1 DOOR 2 DOOR 3 DOOR 4 | ENABLE/DISABLE |
| | DOOR RELEASE * | - | DOOR1/DOOR2/DOOR3/DOOR4 | ENABLE/DISABLE |
| | PIN SETTING | - | CURRENT PIN/NEW PIN | (Select four numbers from 0 - 9) |
| | DATE/TIME | - | (MONTH/DAY/YEAR/HOUR/MINUTE) | - |
| | ALARM SETTING | SECURITY SETTING | EXIT DELAY SETTING | 0/30sec./60sec./120sec./300sec./600sec. |
| | | | RETURN DELAY SETTING | 0/30sec./60sec./120sec./300sec./600sec. |
| | | | ALARM PIN | ENABLE (Select four numbers from 0 - 9)/DISABLE |
| | | UTILITY SETTING | ALARM AT DOOR | ENABLE/DISABLE |
| | | | ALARM DURATION | 10sec./1min./10min./1hr. |
| | SD CARD | EXPORT RECORDED IMAGES | - | YES/NO |
| | | FORMAT SD CARD | - | YES/NO |
| | ROOM STATION NAME | - | ID1 - ID8 | - |
| LANGUAGE | - | - | ENGLISH/FRANCAIS/DEUTSCH/ NEDERLANDS/ESPAÑOL/ITALIANO/ NORSKE/繁體中文/中文(簡體) | |
| ADJUST |  | - | 1 - 10 | |
| | VOLUME |     | 0 (mute), 1 - 10 | |
| RECORD | SELECT RECORD SETTINGS | - | ZOOM > WIDE WIDE > ZOOM ZOOM WIDE | |
| | ERASE ALL RECORDED IMAGES | - | YES/NO | |

*. It is required to enter PIN before making this setting.

| | | | |
|--------------------------------------|-----------------------------|-------------|---------------------------------|
| DESCRIPTION MASTER STATION | FIG. NAME SETTING | UNIT mm | DATE 6 October, 2014 |
| MODEL NO. JP-4MED | FIG. NO. 59615-7-7 | PAGE 7/7 | REVISION 1 AIPHONE |