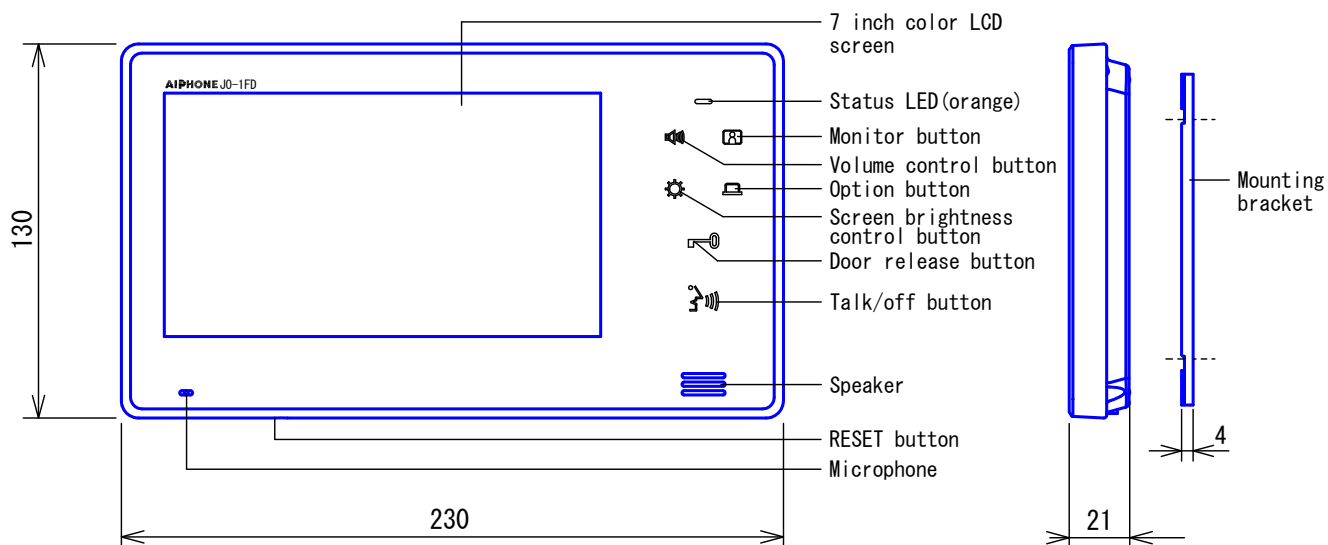
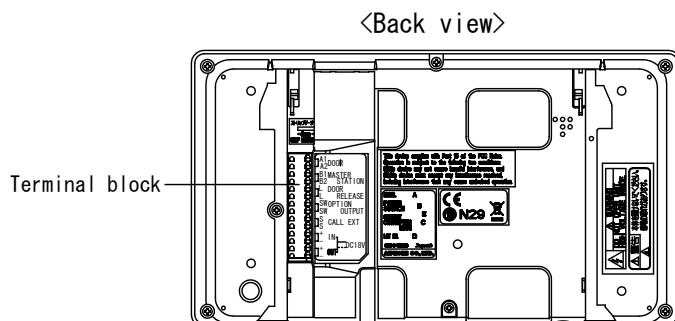
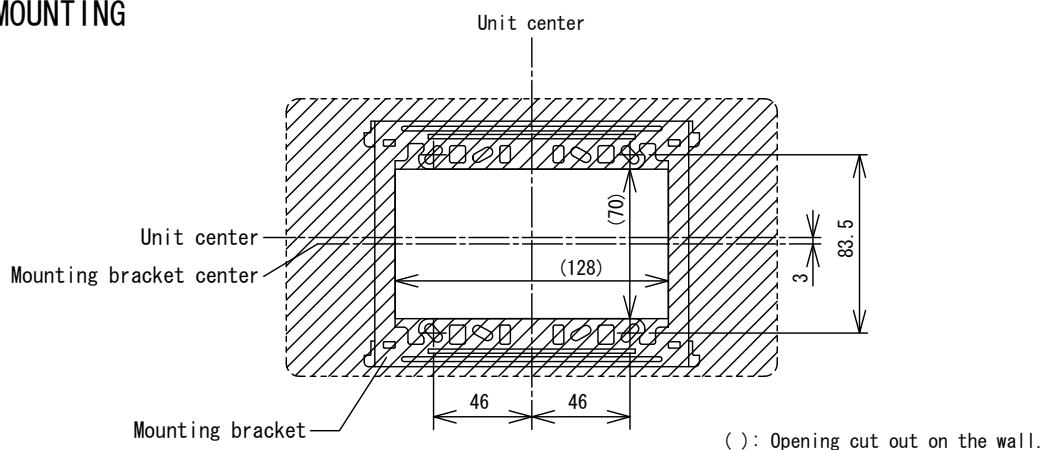


PRODUCT DRAWING



MOUNTING

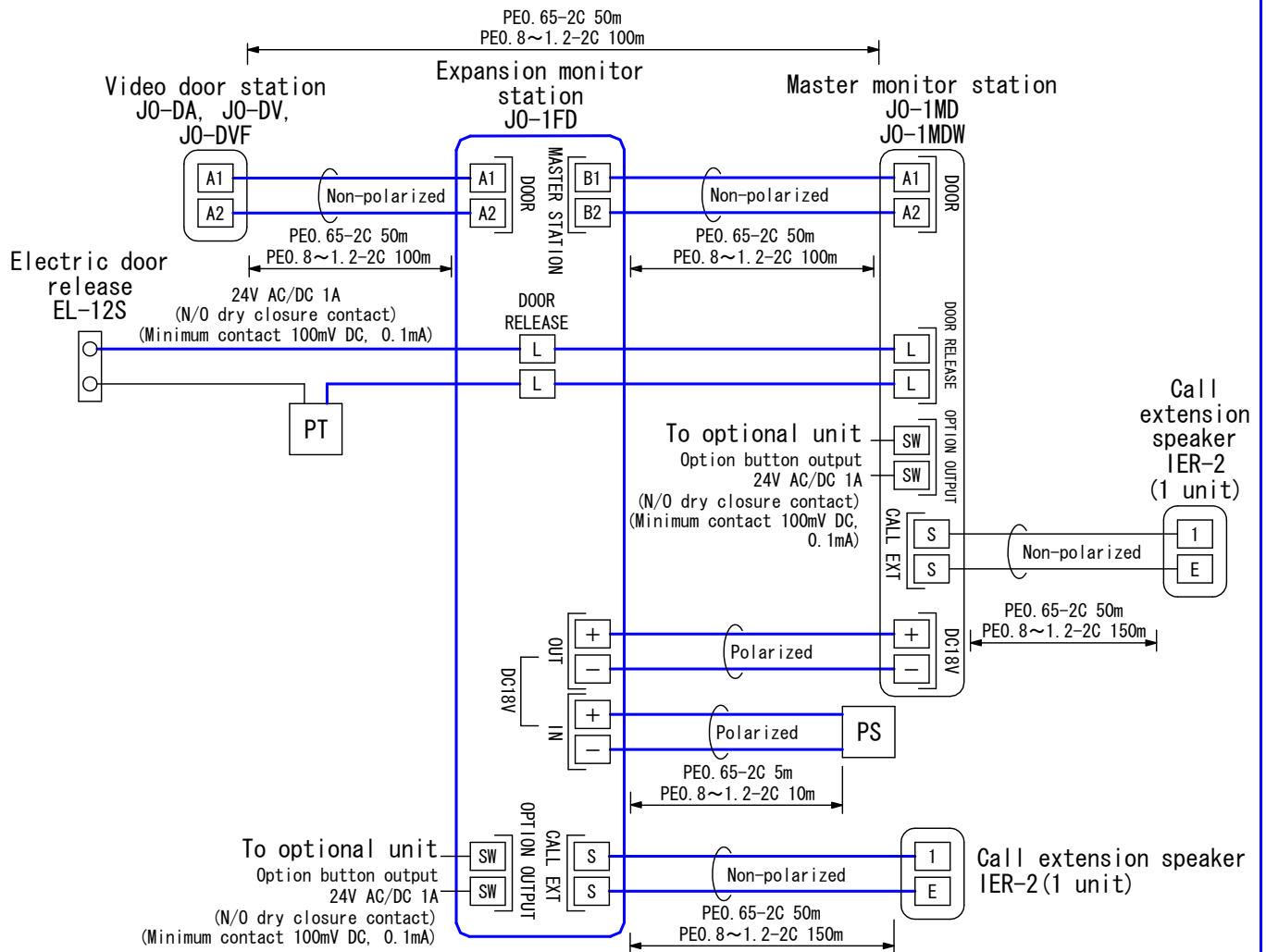


DESCRIPTION	FIG. NAME		UNIT	DATE
EXPANSION MONITOR STATION	PRODUCT DRAWING		mm	10 June, 2013
MODEL NO.	FIG. NO.	PAGE	REVISION	AIPHONE
JO-1FD	59251-1-4	1/4	1	

■ SPECIFICATIONS

Power source	18V DC, Supplied from a power supply			
Power consumption	Standby 38mA, Max. 420mA			
Video monitor	7 inch TFT color LCD			
Pixels	Approx. 300,000 pixels			
Type of communication	Open voice hands-free auto-voice actuation or Press-to-talk communication			
Operating ambient temperature	0 - 40°C			
Video door station	1 unit			
Expansion monitor station	1 unit			
Call extension	1 unit			
Call tone	1 fixed call tone only			
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			
Electrical box	3-gang box			
Material	Flame resistant PC + ABS resin			
Weight	Approx. 480g (1.06 lbs)			
Unit color	Pure white (N9.5 Munsell Approximation)			
DESCRIPTION	FIG. NAME		UNIT	DATE
EXPANSION MONITOR STATION	SPECIFICATIONS		mm	2 February, 2021
MODEL NO.	FIG. NO.	PAGE	REVISION	AIPHONE
JO-1FD	59251-2-4	2/4	3	

■ WIRING DIAGRAM



PS : 18V DC, PS-1820UL, PS-1820BF, PS-1820DM, PS-1820 or PS-1820S power supply

PT : AC transformer

DESCRIPTION EXPANSION MONITOR STATION	FIG. NAME WIRING DIAGRAM	UNIT mm	DATE 28 March, 2019
MODEL NO. JO-1FD	FIG. NO. 59251-3-4	PAGE 3/4	REVISION 2
AIPHONE			

■ RESTRICTIONS ON OPERATING

- 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 speaker can be connected.
- The adjusting with call tone volume on the Master monitor station does not vary the volume from Call extension speaker.
- Room-to-room communication is not available.
- Instant voice call in of door station is not available.
- When the power supply is turned off, power failure, or the RESET button is pressed, the setting of brightness, communication volume, and call tone volume are returned to the default setting.

■ RESTRICTIONS ON WIRING

- For wiring, it is recommended to use a single PVC 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 30cm 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.
- A1 and A2 between the Expansion monitor and Master monitor stations and the +, - power line cables can all be wired with the same sheath.
Other wiring must be separated by at least 10cm from A1, A2 and the power cables.

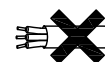
PARALLEL CABLE



COAXIAL CABLE



ODD NO.
OF CONDUCTORS



■ FUNCTIONS

- Calling door station, call stand-by approx. 45 sec./Communication, approx. 1 min. timed/
Ending communication by pressing Talk/off button.
- Monitoring audio/video of door station, approx. 1 min. timed.
- Press-to-talk communication, after pressing Talk/off button approx. 2 sec. or more
- Activating door strike.
- When a short is detected between A1 and A2 of the door station, the unit stops functioning and the Status LED flashes rapidly until the short is removed.
- Option button: Controls external device such as entrance light.

■ SETTING

- Adjust Call tone volume (HIGH - MID* - LOW - mute) Volume control button
- Adjust Receive volume (HIGH - MID* - LOW) Volume control button
- Adjust Screen brightness (5 levels, Default level 3) Screen brightness control button

*. Default setting

DESCRIPTION EXPANSION MONITOR STATION	FIG. NAME RESTR. /FCN. /SETTING	UNIT mm	DATE 10 June, 2013
MODEL NO. JO-1FD	FIG. NO. 59251-4-4	PAGE 4/4	REVISION 1
AIPHONE			