

Accessories

Access control

Surface mount



AC-10S

Vandal resistant access control keypad, surface mount



JO-DV, AC-10S
→ P.56

Flush mount



AC-10F

Vandal resistant access control keypad, flush mount

Power source

12-24V DC power supply
12-24V AC transformer

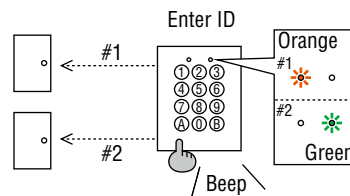
Features

- Two types of keypads are available.
AC-10S: Surface mount type AC-10F: Flush mount type
- AC-10S matches JO-DV and JP-DV, color video door stations.
- Vandal resistant panel, zinc die cast, and tamper proof screws are included.
- Two independent relay outputs (N/O or N/C) are available. When same access code is programmed for both #1 and #2, two relays activate simultaneously.
- Programmable up to 100 access codes* 4, 5, or 6 digits in length.
* #1: up to 60, #2: up to 40
- Keypad lockout: After too many incorrect access codes are attempted.
- Anti-tailgate: As soon as the door is closed after access is granted on #1, the door is locked even before programmed output time. Prevent sneak in.
- One push door release with external timer connection: While the external timer is on operation, access code is not required. Press "0" key only. Programmable #1 and/or #2.
- External output for alarming: When "Lockout" or "Forced entry" occurs, external output is available at #2.
- Two LED indicators show the status of the access control system.
- Illuminated keypad is easy to read.
- Audible key press

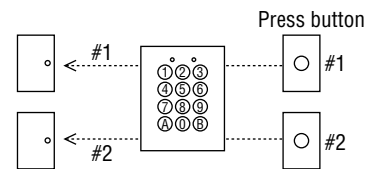
Features

- Activate door release (relay)

By keypad

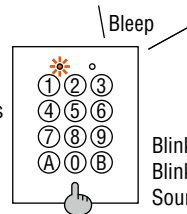


By request to exit/entry button



- Keypad lockout

The keypad is locked out after too many incorrect access codes are attempted.

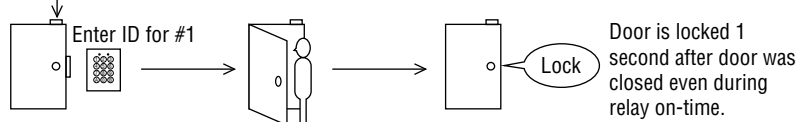


Programmable

- Incorrect access code: 10-99 times
- Lockout time: 10-99 seconds

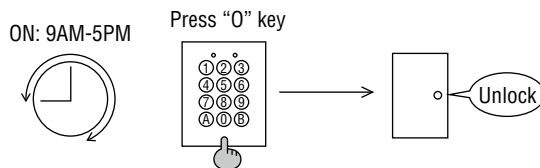
- Anti-tailgate

Door sense switch



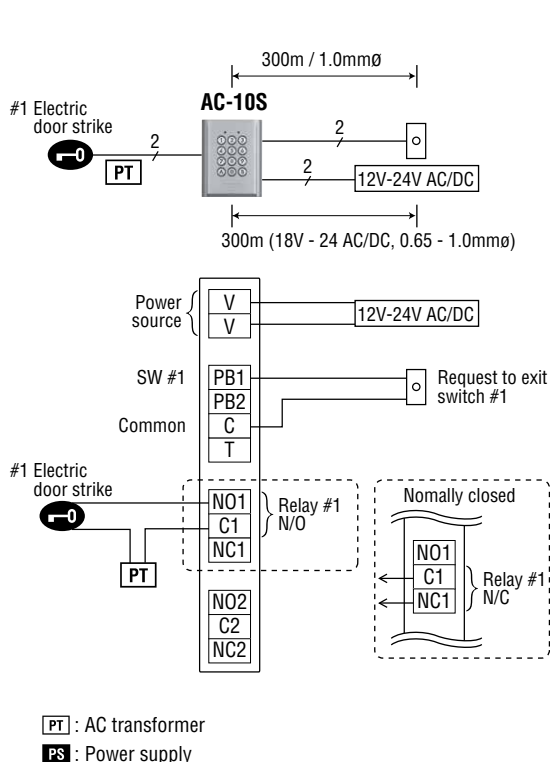
- One push door release with external timer connection

During the timer is on operation

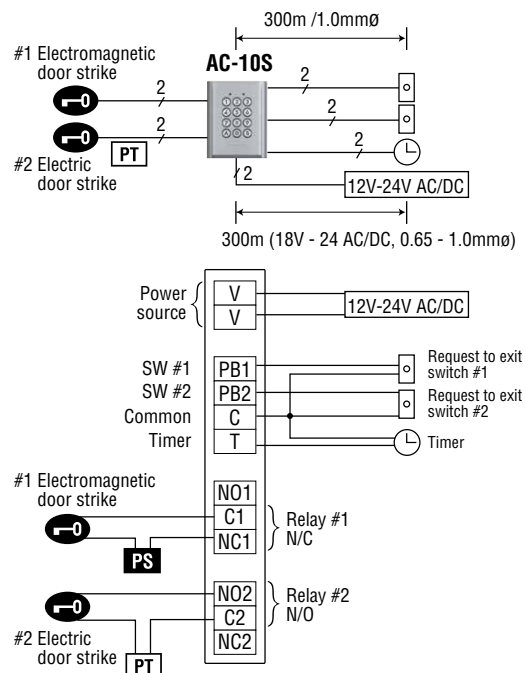


Wiring

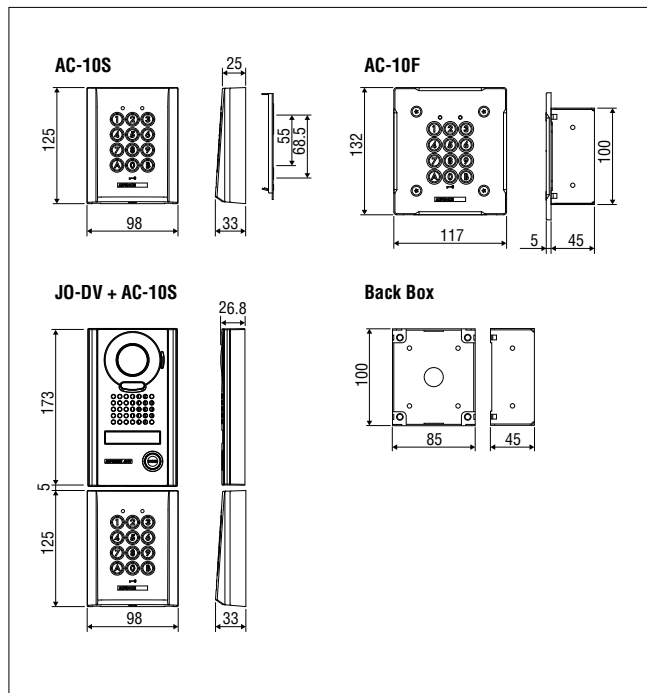
(1) Relay #1 (Normally open)



(2) Relay #1 (Normally closed) & Relay #2 (Normally open)



Unit dimensions



Specifications (AC-10S, AC-10F)

Power source	12 – 24V AC or 12 – 24V DC
Consumption	Max. 100mA
Relay	Output: 2 Contact rating: 24V AC/DC, 3A (resistive load), 1A (inductive load) Dry contact: Normally open or Normally closed Operating time: From 1 second to 99 seconds
Access code	Number: Up to 100 (#1: 60, #2: 40) Code length: From 4, 5, or 6, (0 ~9, A, B)
Wiring	Two conductors
Wiring distance	Access control ~ Power source: 100m (12V – less than 18V AC/DC, 0.65 – 1.0 mmØ) 300m (18V – 24V AC/DC, 0.65 – 1.0 mmØ) Access control ~ Request to exit button 300m (0.65 – 1.0 mmØ)
Environment	Weather resistant (IP54 equivalent)
IP rating	IP54

Accessories

Call extension



IER-2
Call extension

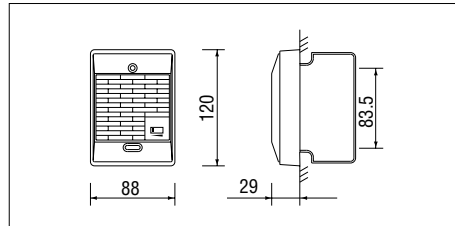
Features

- Announces (chime) call tone only, adjustable
- Indoor mounting

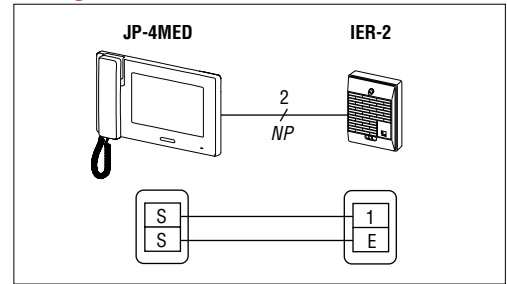
Used for

JP-4MED, JO-1MDW, JO-1MD, JO-1FD
DB-1MD
IE series
TC-M
NIM

Unit dimensions



Wiring



Door release



EL-12S
Electric door strike



RY-PA
Door release relay

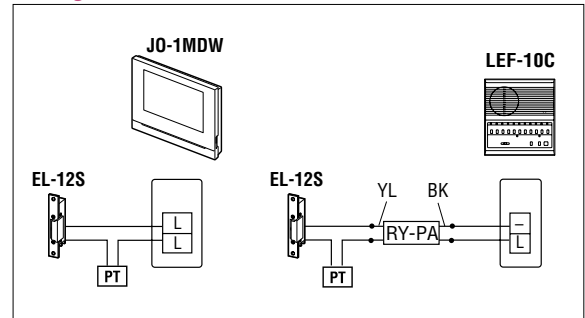
Features

- Door release activation, momentary or talk line-controlled

Used for

JP-4MED, JO-1MDW, JO-1MD, JO-1FD
AX
DA-1DS, C-123L/A
DA-2DS, DA-4DS
IE-1AD(U), IE-1GD(U)
IE-2A2DU, IE-2AD(U), IE-8MD
LEM-1DL
LEF, LEF-C (via RY-PA)
TB-ADD
TD-H/B (via DE-UR)

Wiring



BK : Black(2) YL : Yellow(2)

Specifications (EL-12S)

Power source & Consumption 12V AC, 125mA
12V DC, 200mA

Specifications (RY-PA)

Power source 12V DC
Relay contact rating 110V AC, 1A
24V DC, 1A

Relay



RY-AC/A
External signaling relay

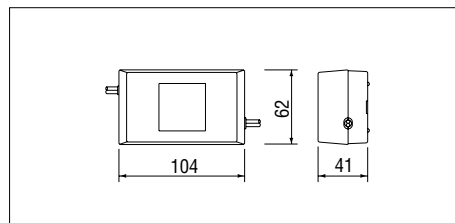
Features

Intercom station can be signaled by external device via RY-AC/A relay. External device will be activated momentarily as long as the call signal on the intercom is activated.

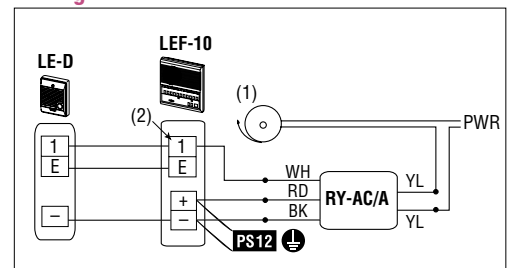
Used for

IE-8MD, LEF
TD-H/B

Unit dimensions



Wiring



(1) External signaling device, bell, etc. (2) Call receive terminal WH : White RD : Red(+) BK : Black(-) YL : Yellow PWR : Power source

Specifications (RY-AC/A)

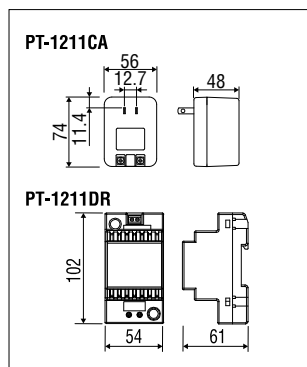
Power source 12V DC, supplied by power supply of system or trunk line.
Contact rating 0.3A, 240V AC 1.0A, 24V DC
Bell, buzzer, etc. must be AC operated or DC mechanical type only.

Power Supplies

15V AC



Unit dimensions



Used for
DA-1MD, DB-1MD, DB-1SD

Specifications (PT-1211CA)

Input voltage & Capacity	120V AC, 60Hz.
Output voltage	15V AC

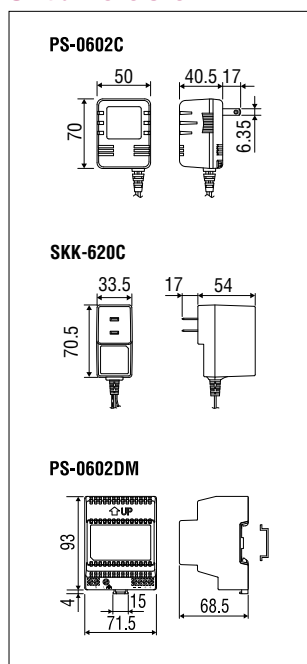
Specifications (PT-1211DR)

Input voltage & Capacity	230V AC, 50/60Hz.
Output voltage	15V AC

6V DC



Unit dimensions



Used for
C-123L/A, LEM, AT-406

Specifications (PS-0602C)

Input voltage & Capacity	120V AC, 50/60Hz.
Output voltage	6V DC, 0.2A

*Manufactured by Sino-American

Specifications (SKK-620C)

Input voltage & Capacity	120V AC, 60Hz.
Output voltage	6V DC, 0.2A

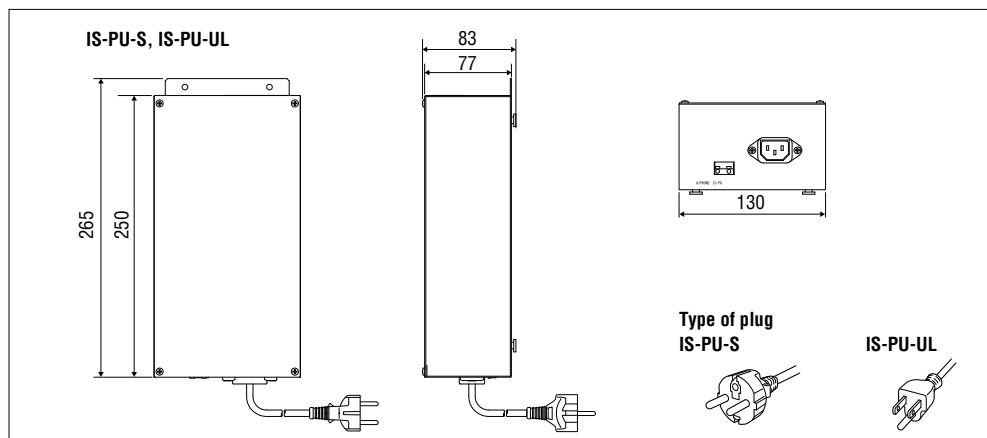
Specifications (PS-0602DM)

Input voltage & Capacity	230V AC, 50/60Hz.
Output voltage	6V DC, 0.2A

48V DC



Unit dimensions



Used for
NIM

*Either rack-mounting (into 19 inch rack) or wall-mounting is possible by using the optional IS-RACK.

Specifications

Input voltage & Capacity	100V-240V AC, 50/60Hz.
Power consumption	120W
Output voltage	48V DC, 2.1A

Power Supplies

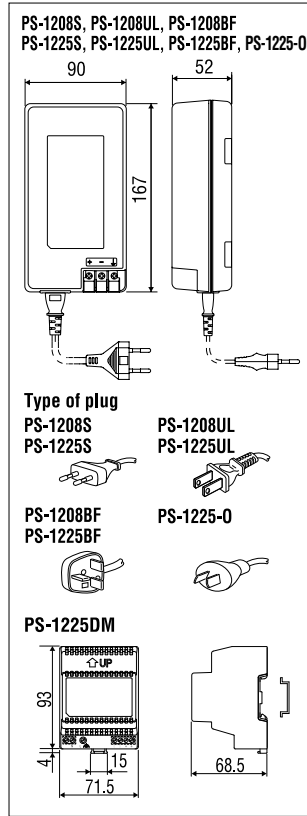
12V DC



PS-1208S **PS-1225S**
PS-1208UL **PS-1225UL**
PS-1208BF **PS-1225BF**
 PS-1225-O

PS-1225DM

Unit dimensions



Used for

(PS-1208S, PS-1208UL, PS-1208BF)
LEF, LEF-C

Specifications

(PS-1208S, PS-1208UL, PS-1208BF)

Input voltage & Capacity	100V-240V AC, 50/60Hz., 21-33VA
Output voltage	12V DC, 0.8A

Used for

(PS-1225S, PS-1225UL, PS-1225BF,
PS-1225DM, PS-1225-O)

RY-3DL, IE-1AD(U), IE-1GD(U), IE-2A2DU, IE-2AD(U),
IE-8MD, LEM-1DL, BG-10C, TD-H/B

Specifications

(PS-1225S, PS-1225UL, PS-1225BF, PS-1225-O)

Input voltage & Capacity	100-240V AC, 50/60Hz., 75-90VA
Output voltage	12V DC, 2.5A

Specifications (PS-1225DM)

Input voltage & Capacity	230V AC, 50/60Hz.
Output voltage	12V DC, 2.5A

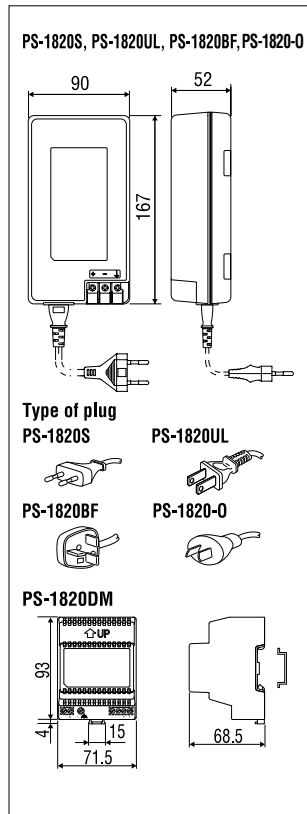
18V DC



PS-1820S
PS-1820UL
PS-1820BF
PS-1820-O

PS-1820DM

Unit dimensions



Used for

JO-1MDW, JO-1MD, JO-1FD, IE-8MD, TC-M, RY-3DL

Specifications

(PS-1820S, PS-1820UL, PS-1820BF, PS-1820-O)

Input voltage & Capacity	100V-240V AC, 50/60Hz., 85-105VA
Output voltage	18V DC, 2A

Specifications (PS-1820DM)

Input voltage & Capacity	230V AC, 50/60Hz.
Output voltage	18V DC, 2.0A

24V DC

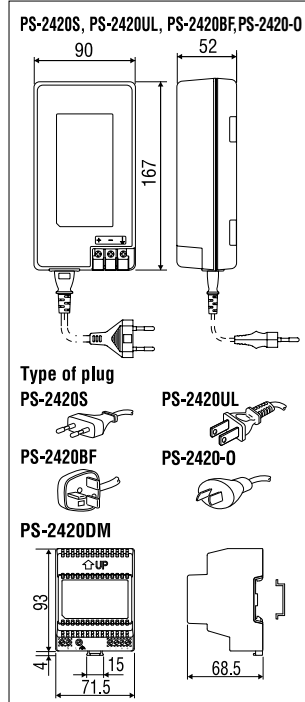


**PS-2420S
PS-2420UL
PS-2420BF
PS-2420-O**



PS-2420DM

Unit dimensions



Used for

JP-4MED, JP-4HD, JPW-BA, JP-8Z, RY-3DL, GT, AX, YAZ-90-3W, IMU-100, MC-60/4A, NHX

Specifications

(PS-2420S, PS-2420UL, PS-2420BF, PS-2420-O)

Input voltage & Capacity	100-240V AC, 50/60Hz., 110-140VA
Output voltage	24V DC, 2A

Specifications (PS-2420DM)

Input voltage & Capacity	230V AC, 50/60Hz.
Output voltage	24V DC, 2.0A