AIPHONE

IP color video intercom adaptor
JKW-IP

**Innovative Network-based IP Video Door Entry Security Management.**

JKW-IP   JK Door Station   JK Master Station

Turn Your PC into a Video Door Ent

The JKW-IP provides you with sophisticated network-based IP video intercom solutions.

It comes with software for you to use your network-connected PC as the master unit of

the JK Series, giving you the opportunity to improve your door entry security management.

Answer your door from any network location.

LOCAL NETWORK

LAN
ROUTER
ROUTER
LAN
PC
JK-1MED
JKW-IP
JK-DV
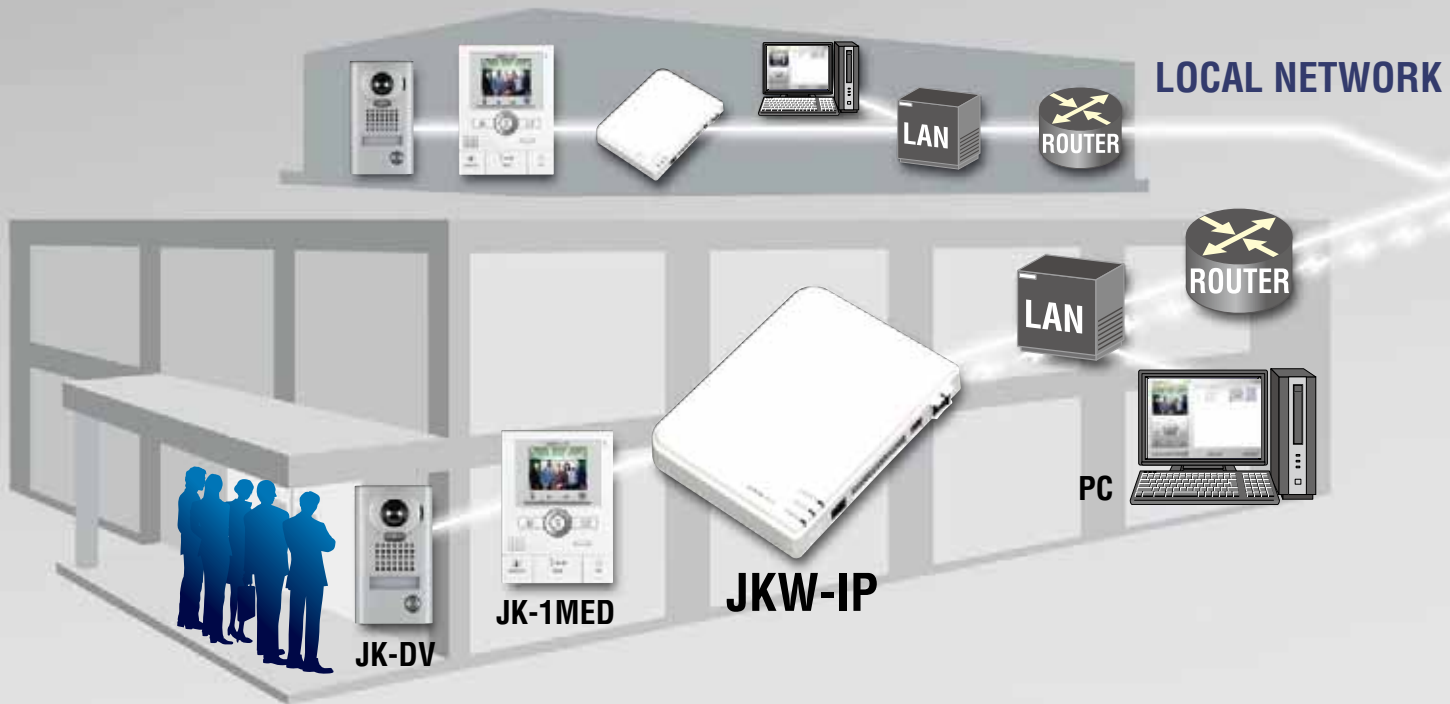
## What makes the JKW-IP so special?

The JKW-IP allows you to manage your door entry security via a LAN/WAN gives you the freedom to choose your security system.

· **Combine 20 JK Series and 10 PCs per system.**
· **Sends e-mails to a maximum of 10 addresses whenever a door call or sensor detection is**
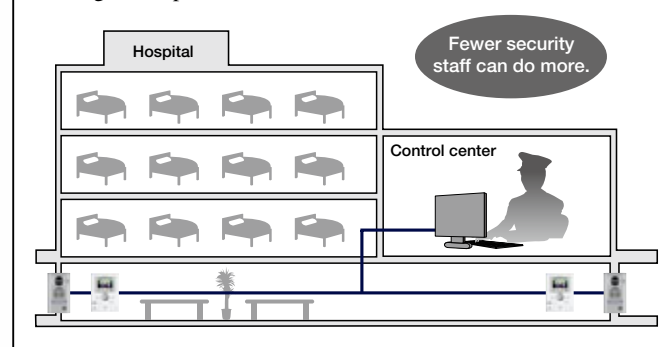
Usage Example

For offices, factories, schools, etc.

Answer visitors at the receptionist desk during office hours.
Use your PC at home, in a security office, at a management
center, etc. after office hours for monitoring.

No need to be
there to answer
the door.

Office hours   After hours
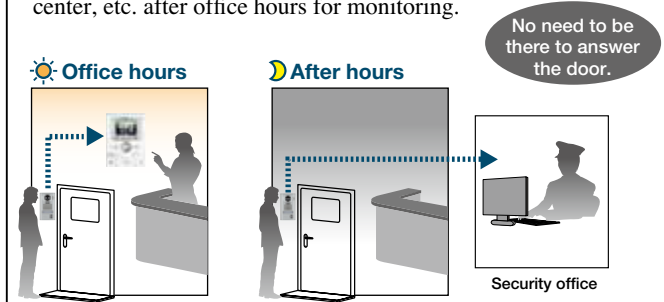
Security office

For hospitals, commercial buildings, etc.

Manage multiple entrances at one control center.

Hospital

Fewer security
staff can do more.

Control center

ry Security Solution!

INTERNET

E-mail

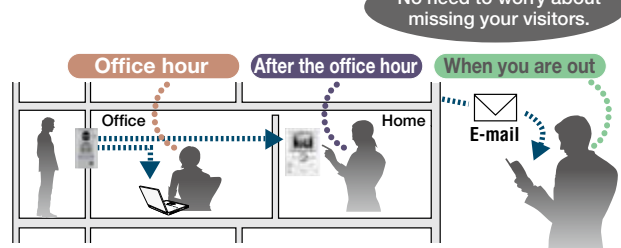**MOBILE PHONE**

PDA

PC

network and

activated.

For small office, home office

Answer visitors at a desk using a PC during office hours and at home using the JK master station after hours. If you are away, you still get e-mail updates with the visitor's image whenever the door calls.

No need to worry about missing your visitors.

Office hour — **After the office hour** — **When you are out**

Office — Home — E-mail

Improves security efficiency.

Door security can be controlled with the JK Series advanced door entry system 24 hours a day from anywhere with a network.

Lowers cost for security.

It requires minimum manpower to complete 24-hour door security, or no additional Master Stations to expand the network system. Complicated wiring construction is not required either.

Your PC can be used as the JK master station.

Controlling our PC as the JK master unit is easy. You can use it like the JK master station with all of the available functions.

See the next page for details.

Install the software on your PC. Now you

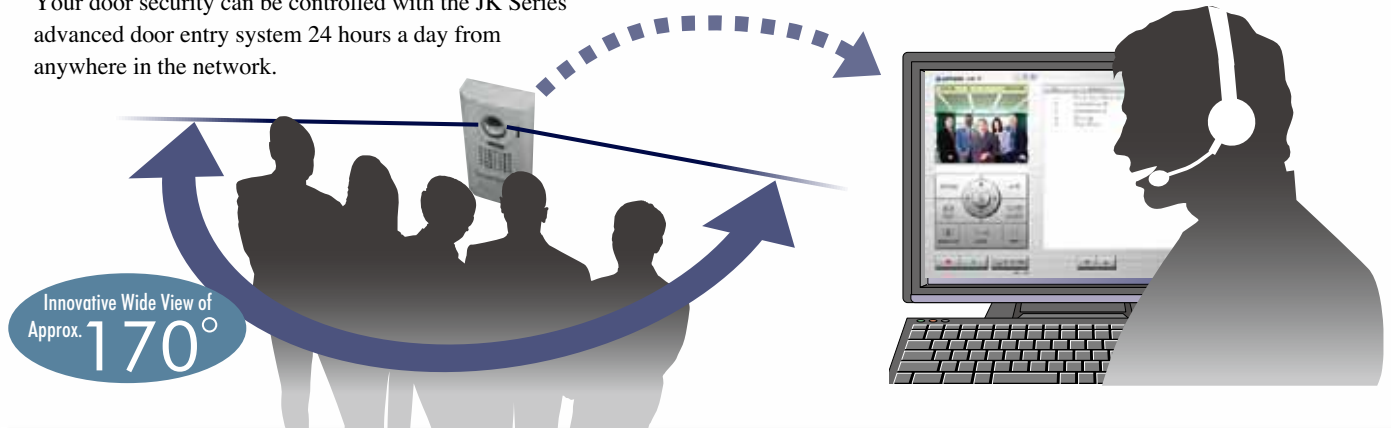Does using the PC as a JK master unit sound difficult to operate?

It is designed to function like the JK master station.

All functions can be done through the network!

Identifying & Answering visitors

Your door security can be controlled with the JK Series advanced door entry system 24 hours a day from anywhere in the network.

Innovative Wide View of
Approx. 170°

can use it as a JK Master Unit!

Controlling Wide and Zoom & PanTilt

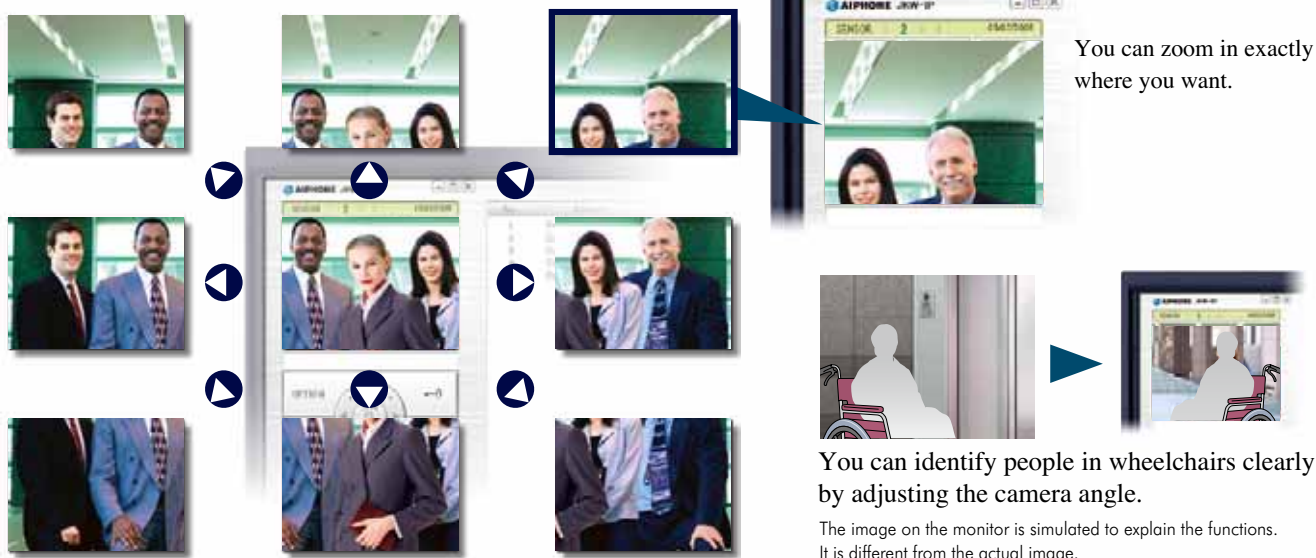Take advantage of the JK Series advanced features using a PC!

Zoom

To see the details, switch the picture mode to Zoom mode. Switching between Wide and Zoom mode can easily be done by the click of a button.

Switchable

WIDE MODE   ZOOM MODE

PanTilt

Click the PAN/TILT button to change the camera angle in Zoom mode.

You can zoom in exactly where you want.

You can identify people in wheelchairs clearly by adjusting the camera angle.

The image on the monitor is simulated to explain the functions. It is different from the actual image.

Releasing the door lock

If the visitor is permitted entry, release the door lock. The door release button turns red to clearly identify the door lock has been released.

Click

Room to room communication

You can make mutual calls between the PC software and the JK Master Monitor Station.

Communication

Recording and Playing video & audio

The PC software records video and audio of the entryway where the video intercom system is connected to the JKW-IP and can be played on the PC.
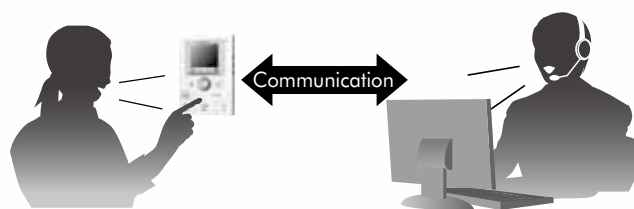
Available in 2 modes:

Auto recording starts recording whenever a call is received from the door station.

Manual recording starts recording video or snapshot when you click the Rec button.

Adjusting image

Monitors can be adjusted for low light and nighttime settings, as well as bright and heavy blacklight.
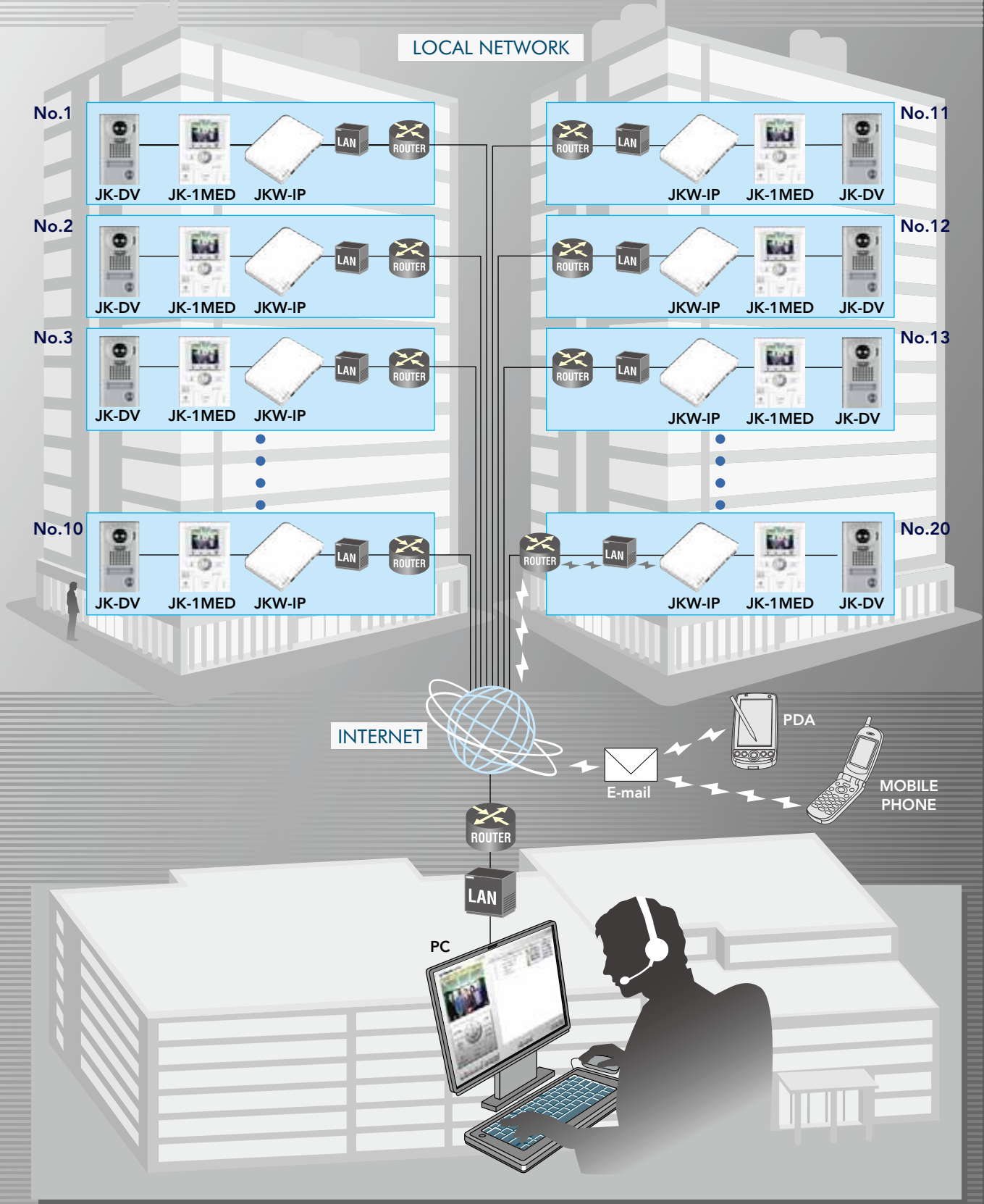
Getting e-mail to your PC, PDA, or mobile phone

Whenever a door call, sensor detection, or system start up occurs, the JKW-IP sends an e-mail to your preset addresses.

System Configuration I

For centralized management of multiple entrances using PC(s)

LOCAL NETWORK

No.1 JK-DV JK-1MED JKW-IP LAN ROUTER

No.2 JK-DV JK-1MED JKW-IP LAN ROUTER

No.3 JK-DV JK-1MED JKW-IP LAN ROUTER

No.10 JK-DV JK-1MED JKW-IP LAN ROUTER

No.11 ROUTER LAN JKW-IP JK-1MED JK-DV

No.12 ROUTER LAN JKW-IP JK-1MED JK-DV

No.13 ROUTER LAN JKW-IP JK-1MED JK-DV

No.20 ROUTER LAN JKW-IP JK-1MED JK-DV

INTERNET

PDA

E-mail

MOBILE PHONE

ROUTER

LAN

PC

System Configuration II

For distributed management of a specific entrance using multiple PCs

DOOR		MASTER	PC
1	▶	1	-10

PC

LAN

ROUTER

LAN

ROUTER

LAN

ROUTER

LAN

ROUTER

ROUTER

LAN

INTERNET

PDA

E-mail

MOBILE PHONE

LOCAL NETWORK

PC

ROUTER

LAN

Beep… Option output

Option input 1

Option input 2

Option input 3

Option input 4

PS18

JK-DV
Video door station

PT

JK-1MED
Master station

JKW-IP
IP color video intercom adaptor

■ UNIT DIMENSIONS (mm)

JKW-IP

150 / 200 / 35.5

JK-1MED

185 / 135 / 27

JK-1MD

185 / 135 / 27

JKW-BA

108.5 / 122.5 / 61

JK-DA

129 / 97 / 35.5

JK-DV

29.5 / 173 / 98 / 25

JK-DVF

8 / 209 / 135 / 45
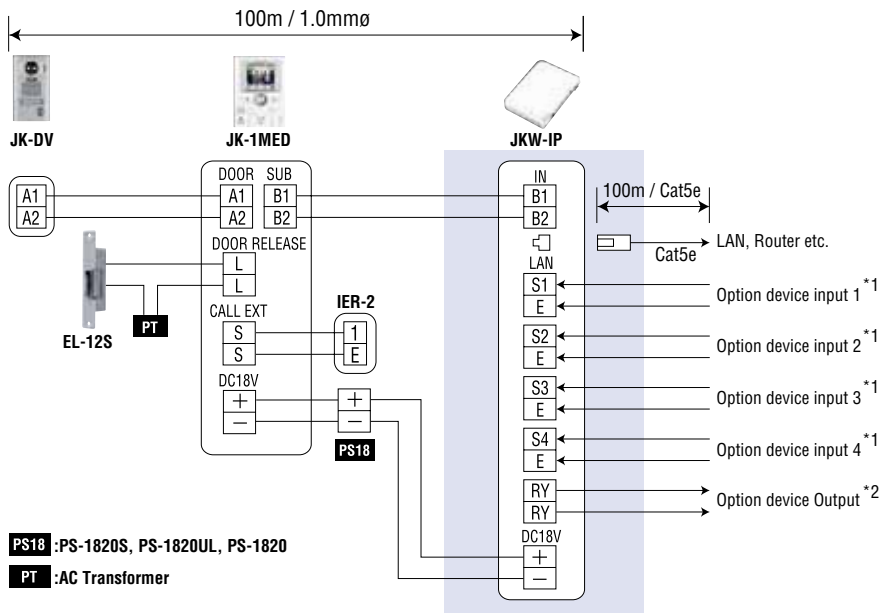
■ SPECIFICATIONS

Power source	18V DC
Power supply	PS-1820S, PS-1820UL, PS-1820
Consumption	Max. 200mA
OS	Windows XP Home/Professional(SP3)/Windows Vista Ultimate/Home/Business/Enterprise(SP1)
PC System Configuration	Processor: 2GHz or more, System memory: 1GB RAM or more, Hard disk drive: 10MB or more (Separate space for movie recording will also be required), Sound card: 8-bit full duplex, Direct Sound compatible, Display: 1024 x 768 or higher, Runtime: Microsoft®.NET Framework 2.0 or later, Network: 10 BASE-T/100 BASE-TX Ethernet
Protocol	TCP/IPv4, UDP/IPv4, SIP, etc
Network bandwidth	320k~8Mbps (per JKW-IP)
Language	English, French, Spanish, German, Dutch, Italian, Japanese

■ NOTICE

- It may not be possible to use this product with certain network environments or PCs.
- To use this product via the Internet, a separate broadband connection and a router with a fixed IP address is required.
- To ensure proper function, only use with approved routers. Refer to our home page for a list of approved routers which allow proper operations.
- Maintaining security at the computer(s) connected to the JKW-IP is the responsibility of the customer. Aiphone assumes no responsibility for any losses incurred as a result of improper PC, firewall or other security.
- It is recommended that you use a 100BASE-TX wired LAN as the network.

■ WIRING

100m / 1.0mmø

JK-DV | **JK-1MED** | **JKW-IP**

JK-DV: A1, A2

JK-1MED: DOOR A1/A2, SUB B1/B2, DOOR RELEASE L/L, CALL EXT S/S, DC18V +/−

IER-2: 1/E

EL-12S   PT

PS18

JKW-IP: IN B1/B2, LAN, S1/E, S2/E, S3/E, S4/E, RY/RY, DC18V +/−

100m / Cat5e

Cat5e — LAN, Router etc.

Option device input 1 *1
Option device input 2 *1
Option device input 3 *1
Option device input 4 *1
Option device Output *2

PS18 : PS-1820S, PS-1820UL, PS-1820

PT : AC Transformer

*1 Option device input specifications

Input method	N/O or N/C dry closure contact (Start signal only detection method)
Detection confirmation time	100 mS or more
Contact resistance	During N/O dry closure: 700 Ω or less During N/C dry closure: 3K Ω or more
Terminal short current	10 mA or less
Voltage between terminals	20V or less (when open between terminals)

*2 Option device input specifications

Output method	N/O dry closure contact
Voltage between terminals	AC24V 0.5A (resistive load) DC24V 0.5A (resistive load) Minimum overload: DC 100mV, 0.1mA

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

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AIPHONE®

Providing Peace of Mind

http://www.aiphone.net/