IS Series
Commercial & Security
IP Video Intercom System

For centralized security management
Make Security Manageable World Wide!

The IS Series can be used as a hardwired network system for a central controlled system across a number of facilities.

**What IS Series can do**
- Assists onsite visitors from any offsite Master Station.
- Up to 160 Master Stations, 160 Video Door Stations, 960 Room Sub Stations can be combined per site.
- High performance color video intercom features.
- Your PC can be used as a Master Station.
The IS Series can be used as a hardwired network system for a small application, or as an IP network system for a central controlled system across a number of facilities.
IS Series Features

IP-based security system works beyond distance
Facilities with IP networks can be controlled from a distance. It can make centralized security management simple and easy.

From small to large facilities
The IS Series is designed to be used for a variety of facilities: commercial buildings, hospitals, educational institutions, and more. It can flexibly adapt to a variety of scales and conditions. Optional devices, such as security cameras and alarms can be added to complete your system.

Panoramic wide angle view and Zoom & PanTilt for higher security
To provide effective security, the IS Series features a wide angle camera enabling you to see a panoramic view! People standing on the sides and people of all heights can be easily identified.

Zoom & PanTilt
You can change the camera angle and zoom in the image to see exactly where you want.
### Audio Sub Station is available

You can choose the Audio Sub Station. There are 2 styles available, a handset or a hands-free option.

![Audio Sub Station](image)

| IS-RS | IS-SS |

### Other Functions

#### Schedule Chime
Program daily Chime by the day, week, or month. Create different schedules for holidays, breaks, or after hours.

#### Forward Unanswered Calls Automatically
If a Master Station is not answered, have the call forwarded to another Master, or a group of Masters.

#### Emergency Broadcasts
Create zones to broadcast emergency announcements quickly.

#### Create Unique System Settings
Save system settings, then export and upload them to another system.

### Your PC can be used as the Master Station (IS-SOFT)

You can use your PC just like the Master Station by installing the IS software.

* It may not be available depending on your PC or OS version.

### Customize Sounds
Load up to 15 Prerolled messages or sound source.

### Transfer Video Calls
Call-ins from a Video Door Station can be transferred to any standard or PC Master Station on the network for easy identification.

### Browser Based Set-up
Simply use a browser to get on-line and setup, change, or customize the IS systems.

### Paging
You can make a page from the Master Station to other Master Stations, Door Stations, and Room Sub Stations.

Large Corporations
Protect staff by giving them the advantage to safely confirm the identity of visitors and vendors before granting access into the building.

Schools
Broadcast messages throughout the school or to a particular classroom with the choice of either a hands-free or handset Room Sub Station.

Hospitals
Increase staff efficiency by controlling various entrances from a central location. Easily transfer responsibilities to another location or individual.

Airports
Communications between several departments at separate area of the facility.

Shopping Mall
Prompt action in emergency conditions, such as quick call to a disaster control center, is easy using internal communication between tenants.

Parking Garages
Assist visitors and monitor multiple garage entrances from remote locations during or after hours.
The IS Series allows you to manage your door entry security via a LAN/WAN network and gives you the freedom to choose your security system.

**Usage Example**

**For offices**
Identify or help visitors at reception desk during office hours, and then from another location, such as a security office, after hours. Automatic start and end times for transferring can be set using the time schedule settings.

**For schools, factories, etc.**
Announce emergencies from any Master Station to other Master Stations/Room Sub Station on the network (Should not be a return here).
You can also page and program daily announcements/chimes by day, week, month, or year.

**For unattended parking garages**
Control multiple garage entrances from remote control center.

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Up to 160 Master Stations, 160 Video Door Stations, and 960 Room Sub Stations can be combined per site.

* Depending on combinations, the number above may not be applied. See the "MAXIMUM SETTING NUMBER" on page 10 for the details.
System Components

For IP System

IP Master Stations
- Up to 32 units / site

PC IP Master Stations
- Up to 31 units / site

For Hardwired System

Master Stations
- up to 160 units / site

Audio Stations

Control Unit

IP Video Door Stations
- Up to 32 units / site

IP Control Unit
- Up to 8 units / sites

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IS-IPMVM
IP master station w/Wide and PanTilt color monitor
- Directly connectable to IP network
- 3.5 inch display for operation and video monitoring
- A variety of display modes designed for assisting your operation
- Hands-free, press-to-talk or handset audio communication
- Door release output
- Directory card with backlight
- White light LED to illuminate the visitor automatically at night
- System settings are possible on the connected PC
- Either power supply unit (PS-2420 / S / UL) or PoE

IS-IPDV
Wide and Zoom & PanTilt Vandal-resistant IP video door station, surface mount
- Directly connectable to an IP network
- Approx. 170° range wide view video camera
- Door release output
- Directory card with backlight
- White light LED to illuminate the visitor automatically at night
- System settings are possible on the connected PC
- Either power supply unit (PS-2420 / S / UL) or PoE

IS-IPDVF
Wide and Zoom & PanTilt Vandal-resistant IP video door station, flush mount
- Directly connectable to an IP network
- Approx. 170° range wide view video camera
- Door release output
- Directory card with backlight
- White light LED to illuminate the visitor automatically at night
- System settings are possible on the connected PC
- Either power supply unit (PS-2420 / S / UL) or PoE

IS-IPPC
IP Control Unit
- Configures a standard (IP) system connecting with an IP network
- Connectable with either a central control unit (IS-CCU) or room sub control unit (IS-RCU)
- System settings are possible on the connected PC
- Either rack mounting (into 19-inch rack) or wall mounting is possible

IS-IPMV
IP master station w/Wide and PanTilt color monitor
- Directly connectable to an IP network
- Approx. 170° range wide view video camera
- Door release output
- Directory card with backlight
- White light LED to illuminate the visitor automatically at night
- System settings are possible on the connected PC
- Either power supply unit (PS-2420 / S / UL) or PoE

IS-IPRS
Room Sub Station
- Calling up to 20 pre-programmed master stations all together
- Remote site calling and communicating capability (required IS-IPC)
- External speaker can be connected
- A option input and a option output
- Hands-free, press to talk or handset audio communication

IS-SOFT
PC application
- PC software with full master station functions
- 7 languages (English, French, Spanish, German, Dutch, Italian & Japanese) are selectable for displaying windows
- Various settings are possible from 9 setting windows
- The application is compliant with Windows XP, Windows VISTA and Windows 7.

IS-CCU
Central control unit
- Configures a local system with up to 2 add-on control units, 4 room sub control units, in total 20 master stations, 120 sub stations and 28 PA outputs
- 4 PA outputs, 2 chime inputs, 2 video outputs
- System settings are possible on the connected PC
- Either rack mounting (into 19-inch rack) or wall mounting is possible
**Master Stations**

**IS-DV**
Wide and Zoom & PanTilt Vandal-resistant video door station, surface mount
- Approx. 170° range wide view video camera
- Door release output
- Directory card with backlight
- White light LED to illuminate the visitor automatically at night
- Calling up to 20 pre-programmed master stations all together

**IS-DVF**
Wide and Zoom & PanTilt Vandal-resistant video door station, flush mount
- Approx. 170° range wide view video camera
- Door release output
- Directory card with backlight
- White light LED to illuminate the visitor automatically at night
- Calling up to 20 pre-programmed master stations all together

**IS-SS**
Vandal-resistant door station, flush mount
- Calling up to 20 pre-programmed master stations all together
- Remote site calling and communicating capability (required IS-IPC)
- Door release output

**IS-SCU**
Add-on control unit
- Adds up to 8 master stations and 8 sub stations in a local system
- 4 PA outputs
- 5 trigger conditions selectable for contact output
- Either rack-mounting (into 19-inch rack) or wall-mounting is possible

**IS-RCU**
Room sub control unit
- Connectable with up to 30 room sub stations
- Connectable with either an IP control unit (IS-IPC) or central control unit (IS-CCU)
- 4 PA outputs
- 5 trigger conditions selectable for contact output
- Either rack-mounting (into 19-inch rack) or wall-mounting is possible

**Up to 160 units / site**

**Power Supplies**

**IS-PU-UL**
AIP system power supply
- Either rack-mounting (into 19-inch rack) or wall-mounting is possible by using the optional IS-RACK

**IS-PU-S**
AIP system power supply

**Up to 960 units / site**

**Reserve**

**PS-2420UL**
PS-2420S
PS-2420
AIP system power supply

**Rack**

**IS-RACK**
Rack for power supply
System Configuration

IP System

WAN system

Site 1

- IS-PMV
- IS-PDV
- IS-SOFT
- PS24
- PoE
- Hub
- Router

Site 2

- IS-PMV
- IS-SOFT
- PS24
- PoE
- Hub
- Router

Site 4

- Hardwired system
  - IS-IPDV
  - IS-SOFT
  - PS24
  - PoE
  - Hub

Internet
Site.3

**Hardwired system**

- **Timer**
- **CD player**
- **Monitor**
- **PA amplifier**

- **IS-CCU**
- **IS-MV**
- **IS-DV**
- **IS-DVF**

- **IS-SS**
- **IS-MV**
- **IS-DV**

- **IS-IPMVM**
- **IS-IPDV**
- **IS-SOFT**

**Maximum Setting Number**

<table>
<thead>
<tr>
<th></th>
<th>Local System</th>
<th>IP Network System</th>
<th>Local System</th>
<th>IP Network System</th>
<th>Local System</th>
<th>IP Network System</th>
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<tbody>
<tr>
<td><strong>IS-IPMVM</strong></td>
<td>–</td>
<td>32/Site*2</td>
<td>IS-MV</td>
<td>20</td>
<td>160/Site*1</td>
<td>IS-CCU 1</td>
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<td><strong>IS-IPDV</strong></td>
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<td>32/Site*2</td>
<td>IS-DV</td>
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<td>160/Site*1</td>
<td>IS-SCU 2</td>
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<td><strong>IS-IPDVF</strong></td>
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<td>32/Site*2</td>
<td>IS-DVF</td>
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<td>160/Site*1</td>
<td>IS-RCU 4</td>
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<td><strong>IS-SOFT</strong></td>
<td>–</td>
<td>PC 31/Site*2</td>
<td>IS-RS</td>
<td>120</td>
<td>960/Site*1</td>
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<td><strong>IS-IPC</strong></td>
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<td>8/Site*1</td>
<td>IS-SS</td>
<td>20</td>
<td>160/Site*1</td>
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</table>

*1: In the case 8 local systems are IP-connected.
*2: At least 1 IS-IPC, IS-IPMVM, or IS-IPDV is required. Up to 32 including PC Master Station, IS-IPMVM, and IS-IPDV.
### UNIT DIMENSIONS (mm)

<table>
<thead>
<tr>
<th>IS-MV, IS-IPMV</th>
<th>IS-RS</th>
<th>IS-CCU, IS-SCU, IS-RCU, IS-IPC</th>
<th>IS-PU</th>
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<tr>
<td>182</td>
<td>192</td>
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<td>250</td>
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<td>39</td>
<td>64</td>
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<tr>
<td>110</td>
<td>8.5</td>
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### CAMERA POSITION

- (WIDE)
  - approx. 180cm
  - approx. 150cm
- (ZOOM)
  - approx. 80cm
  - approx. 90cm

- Mounting height 150cm
  - approx. 200cm
  - approx. 105cm
  - approx. 95cm
- Mounting height 130cm
  - approx. 180cm
  - approx. 105cm
  - approx. 75cm

### FUNCTIONAL SPECIFICATION

<table>
<thead>
<tr>
<th>Features</th>
<th>Item</th>
<th>Video Door Station</th>
<th>Audio Station</th>
<th>Master Station</th>
<th>IP Video Door</th>
<th>IP Master Station</th>
<th>PC application</th>
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<tbody>
<tr>
<td>Hands-Free</td>
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<td>✓</td>
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<td></td>
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<tr>
<td>Press-to-talk</td>
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<td>Handset</td>
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<td>Talk transfer</td>
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<td>Video identification at door call</td>
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<tr>
<td>Answering to door call</td>
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<td></td>
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<tr>
<td>Door release (contact output)</td>
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<td>Call forwarding on door call</td>
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<td>Absence transfer on door call</td>
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<td>Zone page to door station</td>
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<td>Direct Voice call and talk-back</td>
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<tr>
<td>Monitor of door camera image / microphone</td>
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<tr>
<td>Answering to master call</td>
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<tr>
<td>Answering to PC master call</td>
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<tr>
<td>Zone paging</td>
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<td>✓</td>
<td>✓</td>
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<tr>
<td>Zone chime of external sound source</td>
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<tr>
<td>Zone chime of internal sound source</td>
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<tr>
<td>E-mail at set trigger (small number of addresses)</td>
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<td>Normal or error status supervision</td>
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<td>Notification on contact input</td>
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