

For Dealers / Integrators / Architects



IS Series

Video Intercom



Building Communication. Controlling Security.

IS Series helps save money

Control multiple functions from any location to help reduce overall expenses. For instance, when one building closes for the night, security can be managed from another location. School districts, businesses, and

multi-building facilities can improve efficiency and decrease costs with centralized security and communication. The IS Series provides a wide array of features to meet the needs of a variety of applications.



IS Series and Lenel® OnGuard® Integration



IS Series IP Direct Stations* integrate with Lenel OnGuard access control systems. Interact with IS Series events within the Lenel OnGuard interface.

Features controllable through Lenel OnGuard modules include:

Programmed Alerts

Automatic intercom call-in to security following failed card swipe

Access Control Integration

Activate and unlock door controls from master stations remotely

Intercom Station Status

View stations status and perform system health checks to easily identify offline stations

Event Logging

Review station event history and error logs

** Only IS Series IP Direct Stations listed on p. 7 interface with Lenel OnGuard*



IS Series Applications

A Solution for Every Building

Schools • Office Buildings • Campuses
Parking Garages • Public Utilities • Hospitals



Door Stations



Entrances

Protect staff by giving them the advantage to safely confirm the visitor's identity before unlocking the door and granting building access.



PC Master Stations



Offsite Control

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



Master Stations



Internal Communication

Communicate between offices from within a building or with an office across town. Internally communicate using a standard or PC master station.



Subs & PA Systems



Rooms & Common Areas

Broadcast messages throughout the building or to a specified room or office with the choice of either a hands-free or handset reply.



Emergency Assistance



Open Areas

Provide campus wide peace of mind by installing assistance or emergency towers. Assess situations before dispatching personnel.



Remote Stations



Parking Garages

Identify and communicate with individuals at remote locations to determine if their access into the building is legitimate.

IS Series Integration

Bringing Security Components Together

Integrate with various building security components for overall greater system functionality. Combining security components saves time and resources during set-up and training.



IS Series Flexibility

Start Small, Grow Large

Configurations can be simple to accommodate 1 door station and 1 master station and can grow to a larger system to include more features and stations around the building or around the world. The IS Series is the perfect system for any building size or budget.

Hardwired System

All stations are homerun to a central control unit.

- Call Queuing
- Emergency Assistance
- Paging and Announcements
- Bell Scheduling
- Call Forwarding
- Panic Button Integration



IP Direct System

IP addressable stations connect directly to a network.

- No management server required
- IP addresses assigned using a web browser
- Connect stations directly to a mesh network for wireless capabilities
- Ideal for smaller system sizes



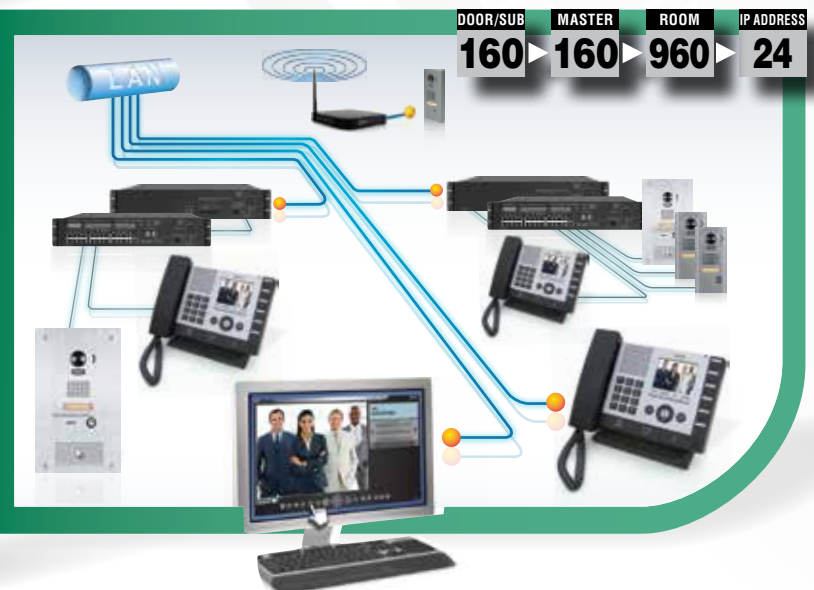
Hybrid System

(Hardwired + IP Direct)

Combines the functionality of the Hardwired System with the flexibility of the IP System.

- Expand the IS Series capacity
- Combine up to 32 Hybrid Systems over a WAN for a global IS Series station count of:

DOOR/SUB	MASTER	ROOM
5,120	5,120	30,720



IS Series Components

Hardwired System Audio + Video Stations

Homerun stations to Control Units (**IS-CCU or IS-SCU**) via CAT-5e / 6
Form C contact for door release



IS-DV

Door Station

- PTZ camera
- Aluminum die cast cover
- Surface mount
- Use optional IS-MB* for mullion mounting



IS-DVF

Door Station

- PTZ camera
- Stainless steel panel
- Flush mount
- Mounting box included
- Use optional SBX-ISDVF* for surface mounting



IS-DVF-HID

Card Access
Door Station

- Same as IS-DVF
- HID® ProxPoint® Plus proximity card reader
- Use optional SBX-ISDVF* for surface mounting



IS-DVF-RP10

Card Access
Door Station

- Same as IS-DVF
- HID® multiCLASS SE® smart card reader
- Use optional SBX-ISDVF* for surface mounting

Hardwired System Audio Only Stations

Homerun stations to Control Units (**IS-CCU, IS-SCU, or IS-RCU**) via CAT-5e / 6
Form C contact for door release



IS-SS-2G

Door / Sub Station

- Stainless steel panel
- Flush mount
- Fits standard 2-gang box
- Use optional SBX-2G* for surface mounting



IS-SSR-2G

Door / Sub Station

- Stainless steel panel
- Red mushroom call button
- Flush mount
- Fits standard 2-gang box
- Use optional SBX-2G* for surface mounting



IS-SS

Door / Sub Station

- Stainless steel panel
- Flush mount
- Mounting box included
- Use optional SBX-ISDVF* for surface mounting

Hardwired System Emergency Assistance Stations

Homerun stations to Control Units (*detailed below*) via CAT-5e / 6 - Fiber Optic adaptor available for longer distances (*not available through Aiphone*)



Wall Boxes**

Narrow 4" depth meets ADA wall mounting requirements

- 12 gauge stainless steel

Modular Towers**

Provides lower freight and installation costs

- 1/4" steel body
- Approximately 90lbs per module
- Zinc treated inside & out

*For more information on this product, visit www.aiphone.com

**Beacon/Strobe light requires separate power supply (PS-2420UL*)



IS-DVF-2RA

ADA Compliant
Audio + Video Emergency Station

- PTZ camera
- Lettering & Braille signage
- LED call status indicator
- Dual call buttons
- 2 form C relay outputs
- Stainless steel panel
- Flush mount
- Mounting box included
- Homerun to IS-CCU or IS-SCU only



IS-SS-2RA

ADA Compliant
Audio Only Emergency Station

- CCTV input
- Lettering & Braille signage
- LED call status indicator
- Dual call buttons
- 2 form C relay outputs
- Stainless steel panel
- Flush mount
- Mounting box included
- Homerun to IS-CCU or IS-SCU only



IS-SS-2RA-R

ADA Compliant
Audio Only Emergency Station

- Lettering & Braille signage
- LED call status indicator
- Dual call buttons
- 2 form C relay outputs
- Stainless steel panel
- Flush mount
- Mounting box included
- Homerun to IS-CCU, IS-SCU, or IS-RCU



IS-SS-RA

ADA Compliant
Audio Only Emergency Station

- CCTV input
- Lettering & Braille signage
- LED call status indicator
- Single call button
- 2 form C relay outputs
- Stainless steel panel
- Flush mount
- Mounting box included
- Homerun to IS-CCU or IS-SCU only



IS-SS-RA-R

ADA Compliant
Audio Only Emergency Station

- Lettering & Braille signage
- LED call status indicator
- Single call button
- 2 form C relay outputs
- Stainless steel panel
- Flush mount
- Mounting box included
- Homerun to IS-CCU, IS-SCU, or IS-RCU

Hardwired System Room Sub Station

Homerun station to Control Units (**IS-CCU, IS-SCU, or IS-RCU**)



IS-RS

Indoor Audio Only
Room Sub Station

- Handset or hands-free
- 8Ω, 0.5W output to speaker
- Input for Emergency Call Button

SP-2570N

Ceiling Speaker

- 8Ω, 25/70V, 4W
- Flush mount

Hardwired System Master Station

Homerun station to Control Units (**IS-CCU or IS-SCU**)



IS-MV

Audio + Video Master Station

- 3.5" LCD display
- Handset or hands-free
- Door release
- Composite video out
- Desk stand included (also wall mountable)

Hardwired System Control Units



IS-CCU

Central Control Unit

Accommodates:

- 4 Door / Sub Stations
- 4 Master Stations
- 2 IS-SCU's
- 4 IS-RCU's
- 1 IS-IPC



IS-SCU

Add-on Control Unit

- Connects to IS-CCU (up to 2 units per IS-CCU)

Accommodates:

- 8 Door / Sub Stations
- 8 Master Stations



IS-RCU

Room / Sub Control Unit

- Connects to IS-IPC or IS-CCU (up to 4 units per IS-CCU)

Accommodates:

- 30 Audio Only Room / Sub Stations

Hybrid Control Unit



IS-IPC

Network / Phone Interface Unit

- Connects a Hardwired System to a network
- Provides a telephone line connection to forward Hardwired System door and sub station calls
- 1 IS-IPC per IS-CCU or IS-RCU (up to 8 IS-IPCs per system)

IP Direct System IP Addressable Door Stations | Master Stations



IS-IPDV

IP Direct Door Station

- PTZ camera
- Aluminum die cast cover
- PoE - 802.3af or use PS-2420UL* (sold separately)
- Surface mount
- Use optional IS-MB* for mullion mounting



IS-IPDVF

IP Direct Door Station

- PTZ camera
- Stainless steel panel
- PoE - 802.3af or use PS-2420UL* (sold separately)
- Flush mount
- Mounting box included
- Use optional SBX-IPDVF* for surface mounting



IS-IPMV

IP Direct Audio + Video Master Station

- 3.5" LCD display
- Handset or hands-free
- Door release
- PoE - 802.3af or use PS-2420UL* (sold separately)
- Desk stand included (also wall mountable)



IS-SOFT

PC Master Station Software

- Virtual master station
- Door release
- Records video to computer
- One IS-SOFT per PC
- Compatible with Windows® 10, Windows 8, Windows 7, Windows Vista®, Windows XP



IS-IPDVF-HID

IP Direct Card Access Door Station

- Same features as IS-IPDVF
- HID® ProxPoint® Plus Card Reader



IS-IPDVF-RP10

IP Direct Card Access Door Station

- Same features as IS-IPDVF
- HID® multiCLASS SE® smart card reader

Accessories



RY-IP44

IP Input/Output Adaptor

(only compatible with IS-IP Door/Master Stations)

- 4 programmable (via web browser) relay outputs
- 4 programmable (via web browser) contact inputs
- Requires PS-1225UL power supply



IS-PU-UL

Power Supply

- 48V DC, 2A - UL Listed
- Required for every one IS-CCU, IS-SCU, IS-RCU, or IS-IPC
- Use IS-RACK* to rack mount IS-PU-UL (up to 3 power supplies)

IS Series Video Intercom

Specifications

Power Source	IS-CCU / IS-SCU / IS-RCU / IS-IPC: 48V DC - Use IS-PU-UL IS-IPDV/IS-IPDVF/ IS-IPDVF-HID/IS-IPDVF-RP10/IS-IP4DVF/IS-IPMV: 24V DC - Use PS-2420UL or Power Over Ethernet (802.3af)
Network Interface	10 BASE-T / 100 BASE-TX Ethernet
Hardware Protocols	TCP, UDP, IGMP (Multicast), IPv4, IPv6
Bandwidth	320Kbps to 8Mbps
Software	Processor 2GHz or faster, 1GB of RAM: Windows® 10, Windows 8/8.1, Windows 7, Windows Vista®, Windows® XP
Connections	RJ-45 (10/100Mbit Ethernet)
Calling	Chime, image, and audio approx. 45 sec.
Communication	AUTOMATIC (hands-free): to activate, momentarily push TALK button MANUAL (push-to-talk / release-to-listen): to activate, push TALK button for at least 1 sec. or until talk LED turns on / a beep sounds
Video Monitor	3-1/2" direct-view TFT color LCD
Min. Illumination	5 Lux at 1' distance
Night Viewing	Up to 1' from camera, with white LED projected
IP Relay	RY-IP44 - Contact rating: 30V AC, 500mA
Door Release	Contact rating: 24V AC/DC, 500mA - Use RY-24L for larger contact rating (requires 24V DC power supply)
Wiring	CAT-5e / 6
Distances	Variable - Refer to IS Series Wiring Distances chart→

IS Series Wiring Distances	CAT-5e / 6 wire
All stations on p. 6 to IS-CCU / IS-SCU / IS-RCU	980'
IS-MV to IS-CCU / IS-SCU	980'
IS-RS to IS-CCU / IS-SCU / IS-RCU	490'
IS-SCU to IS-CCU using 3 CAT-5e / 6 cables	650'
IS-RCU to IS-CCU using 2 CAT-5e / 6 cables	650'
IS-IPC to IS-CCU using 3 CAT-5e / 6 cables	33'
IS-IPC to IS-RCU using 2 CAT-5e / 6 cables	33'
IS-IPC to network node	330'

Sales tools available for Aiphone Accounts and Non-Accounts

FREE PRODUCT DEMO, TRAINING, or BUDDY CALLS

- Perfect for Counter Days or Lunch & Learns
- Our experts will come to you - with product
- Available for your staff or your customers



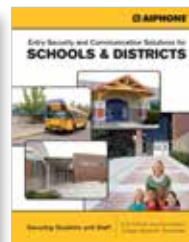
Scan tag to schedule a demo or training

FREE END USER BROCHURES

- Easily demonstrates value of the IS Series
- Add to bids and proposals
- Digital and hard copies available



**IS Series
End User Brochure**
#95221



**School Market
Brochure**
#99579



**Commercial Market
Brochure**
#99586

ONLINE COURSES AVAILABLE

Our *IS Series for Sales Professionals* course shows how the IS Series can strengthen building security in every marketplace, including educational, commercial, and healthcare. The *IS Series for Technicians* course demonstrates how to install an IS Series system and details the different system components. www.aiphonettraining.com

#95220

IS Series

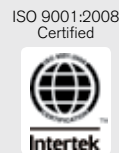
08/2016

Printed in USA

The information in this brochure is subject to change without notice.



Aiphone Co. Ltd.



Aiphone Corp.



Aiphone Co. Ltd.