AIPHONE®

IS Series
Video Intercom

ASSISTANCE

EMERGE

CALL

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

Video + Audio Streaming
Monitor activity at IS Series IP direct video stations on an OnGuard display

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 interface with Lenel OnGuard: IS-IPDV, IS-IPDVF, IS-IPMV, IS-IPDVF-HID, IS-IP4DVF with RY-IP44

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 identity of visitors before unlocking the entrance with door release.

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.

Rescue 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

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

Integrate with commonly installed entry systems

ACCESS CONTROL

CCTV
View CCTV images on master stations

Externally record video at door stations

VIDEO RECORDING (DVR/NVR)

PANIC ALARMS
Automatically contact security personnel and 911

Page a single station or a group of stations

PAGING

BELL SCHEDULING
Schedule class bells, announcements, or shift alarms

Forward calls to a phone line

PBX SYSTEMS

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.

DOOR/SUB	MASTER	ROOM
20 ▶	20 ▶	120

Hardwired
System

All stations are homerun to a central control unit.

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

IP ADDRESS
32

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
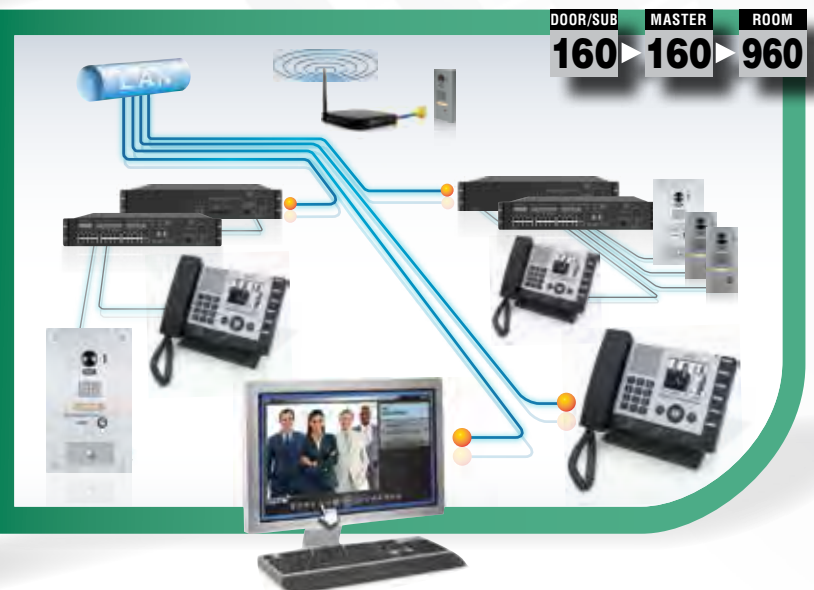- Ideal for smaller system sizes

DOOR/SUB	MASTER	ROOM
160 ▶	160 ▶	960

Hybrid
System (Hardwired + IP Direct)

Combines the functionality of the Hardwired System and 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

Screen images simulated. | 5

Hardwired System
Audio + Video Stations

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

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

IS-DVF
Door Station
- PTZ camera
- Stainless steel
- 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-ISDVFP***** for surface mounting

IS-DVF-HID-I
Card Access
Door Station
- Same as IS-DVF
- HID® iClass® smart card reader
- Use optional SBX-ISDVFP***** for surface mounting

IS-SS-CI
Door Station
- CCTV input
- Stainless steel
- Flush mount
- Mounting box included
- Use optional SBX-ISDVFRA***** for surface mounting

CCTV

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

IS-SSR-2G
New
Door / Sub Station
- Stainless steel
- 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
- Flush mount
- Mounting box included
- Use optional SBX-ISDVF***** for surface mounting

Hardwired System
Rescue Assistance Stations

Homerun stations to Control Units (**IS-CCU**, **IS-SCU**, or **IS-RCU**) 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 RA Station
- PTZ camera
- Lettering & Braille signage
- LED call status indicator
- Dual call buttons
- 2 form C relay outputs
- Stainless steel
- Flush mount
- Mounting box included
- Homerun to IS-CCU or IS-SCU only

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

IS-SS-2RA-R
ADA Compliant
Audio Only RA Station
- Lettering & Braille signage
- LED call status indicator
- Dual call buttons
- 2 form C relay outputs
- Stainless steel
- Flush mount
- Mounting box included
- Homerun to IS-CCU, IS-SCU, or IS-RCU

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

IS-SS-RA-R
ADA Compliant
Audio Only RA Station
- Lettering & Braille signage
- LED call status indicator
- Single call button
- 2 form C relay outputs
- Stainless steel
- 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, IS-SCU, or IS-RCU)

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-CCU
  (up to 4 units per IS-CCU)

Accommodates:
- 30 Audio Only Room / Sub Stations
- 1 IS-IPC

Hybrid — Control Unit

IS-IPC
Network / Phone Interface Unit
- Connects a Hardwired System to a network
- Provides a telephone line output for a Hardwired System
- 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
- 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
- PoE - 802.3af or use PS-2420UL* *(sold separately)*
- Flush mount
- Mounting box included
- Use optional SBX-ISDVF* 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® XP, Windows Vista®, Windows® 7, or Windows® 8

IS-IPDVF-HID
IP Direct Card Access Door Station
- Same features as IS-IPDVF
- Embedded HID® ProxPoint® Plus Card Reader

IS-IP4DVF
IP Direct 4-Call Video Door Station *(requires RY-IP44)*
- Same features as IS-IPDVF
- Selective buttons call separate master stations

Convenient Box Sets - *each contains a door station and a master station*

ISS-IPMDV
Box Set
- Includes:
  [1] IS-IPDV
  [1] IS-IPMV

ISS-IPMDF
Box Set
- Includes:
  [1] IS-IPDVF
  [1] IS-IPMV

ISS-IPSWDV
Box Set
- Includes:
  [1] IS-IPDV
  [1] IS-SOFT

ISS-IPSWDF
Box Set
- Includes:
  [1] IS-IPDVF
  [1] IS-SOFT

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-HTR
Heater Plate
- For exterior door/sub stations *(excluding IS-SS-2G, IS-SSR-2G)*
- Lowers temperature rating to -40°C/F
- Inset thermostat turns heater on/off
- Requires PS-2420UL 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 *(For 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-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® XP, Windows Vista®, Windows® 7, Windows® 8/8.1
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 NTS CEU 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.aiphonetraining.com**

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