AIPHONE

IX Series

Peer-to-Peer IP Video Intercom with SIP Capability

Still redefining what one IP intercom system can do

Unlimited. Flexible. Security.

For any single or multiple building application. Any size.

Unlimited Capacity. Flexible Configurations. Security Your Customers Can Trust.

All Powered by an Enterprise-Level Communication System
(IX Series)

Scalable system has an unlimited station capacity

Easy installation and expansion with all stations being PoE

Integration with common platforms: SIP, VMS, access control, and more

Analog systems can be converted to IP without running new wire

Practical peer-to-peer design avoids additional servers

Simple programming and flexible configurations with the IX Support Tool

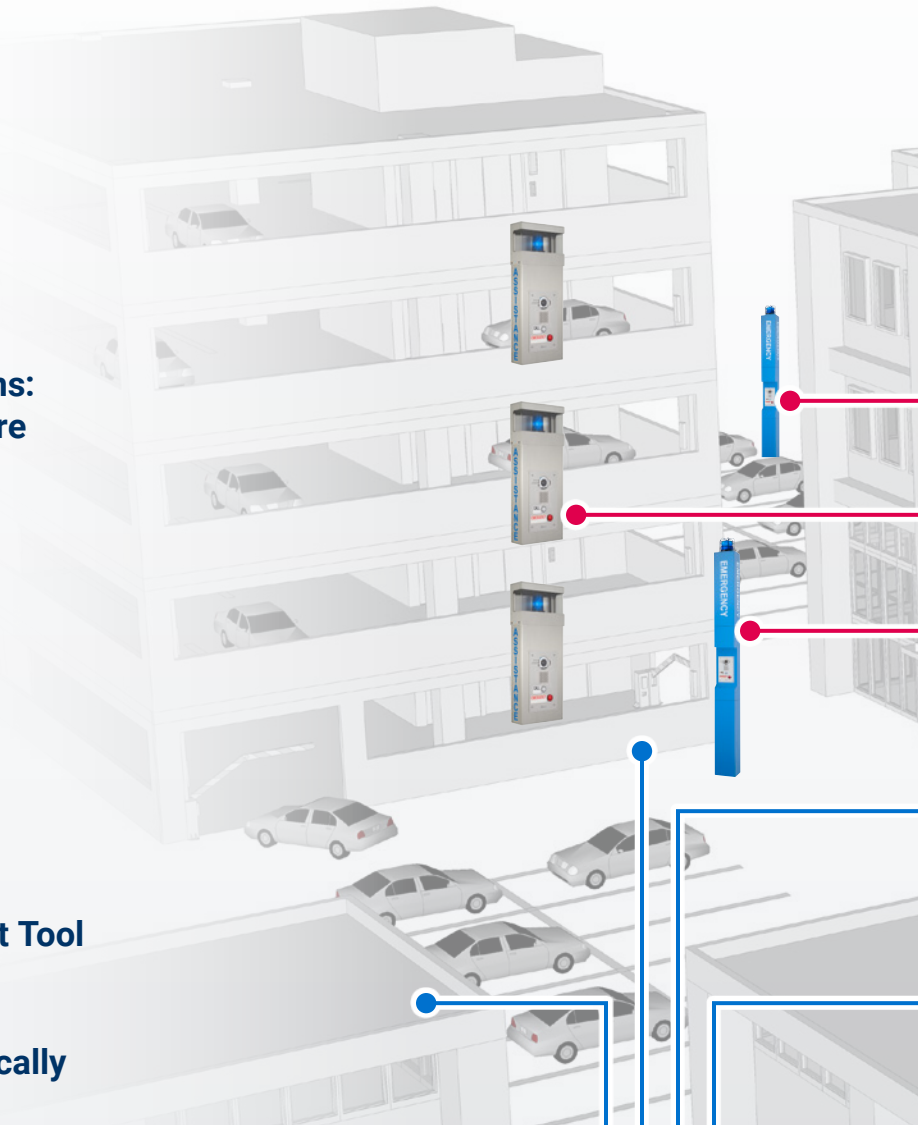**Calls can be transferred automatically or manually, onsite or off**

System partitioning is simple to set up when it is needed

Touchscreen master stations with t-coil, two-way video, or TAA compliance

ADA emergency call stations, cost-effective modular towers, and compact wall boxes

Multiple Buildings or Remote Location
Mix and Match IP Stations as Needed

- Visitor screening and communication can be added to any building or campus of buildings, distances are not a concern

- PoE capability allows existing network infrastructure to be used

- Easy to start small, systems can grow anytime with backward/forward compatibility

- Virtually any security communication requirement can be met by configuring IX Series components with the IXG Support Tool

Parking Garages/Lots
IP Emergency Stations

- UL Listed and ADA compliant
- PoE+ passthrough port
- Emergency calls can route directly to a call center
- Compatible with our modular towers and compact wall boxes

UL
ADA

Common Areas
IP Audio Room Sub Stations

- Internal communication with other sub stations, hands-free capable
- 8Ω, 2 W external speaker output for communication or paging
- One contact output
- One trigger input

UL

Main Offices/Reception
IP Video Master Stations

- 7" touchscreen with two-way video camera, includes privacy shutter
- UL Listed, t-coil supported handset, and TAA compliant stations available
- Intuitive user interface
- Eight speed dial buttons

UL
TAA

Equipment Closet or Electrical Room
Adaptors and Switches

- IP relay adaptor provides remote door release
- 2-wire network adaptor converts analog to IP
- SIP calling with PBX equipment
- VPN router provides secure programming over a network
- Network cable homeruns back to PoE switches

PoE Switch

Cat-5e/6

Exterior/Interior Entrances
IP Video Door Stations

- Various options with different finishes and mounting styles
- All stations are weather resistant, most stainless steel and die cast options are vandal-resistant
- Select stations with t-coil and hand wave technologies
- Surface mount back boxes available for flush mount stations

UL
HID

More (Beneficial) Reasons to Select this Reliable

UL Listed stations make it easier to meet building codes

- UL is recognized as the leader in product safety testing

- UL certification is only granted through comprehensive procedures and guidelines

- UL requires that all standards are met prior to granting certification

ADA stations comply with common regulations, better accommodating customers

- Door and master stations with t-coil compatibility

- Master stations with two-way video capability

- Emergency call stations with lettering, braille, and LED call status indicator

TAA compliant station qualifies under the Trade Agreements Act

- IX-MV7-HW-JP is manufactured in Japan

- Same full feature set as other master stations

GSA stations are certified for government applications (coming soon)

Contact us for GSA Schedule inquiries,
gsa@aiphone.com

GSA Schedule

Security Communication System

Cost-effective modular towers

- Modular design reduces freight charges and avoids crane rentals

- Large access panel on each module makes it simple to route wire

- Quicker installation times with built-in threaded studs

- Includes UL Listed electrical box

Compact wall boxes

- Slim depth only protrudes 4" from surface

- Call button mounting height meets ADA regulations

- Beacon/Strobe is protected by cage or hood enclosure

- Includes UL Listed electrical box

ADA emergency call stations

- Passthrough port can power additional device with PoE+

- Meets ADA regulations with proper signage and indicators

- Video and audio-only options with one or two buttons

SIP Compatible Server

A video intercom and telephone all-in-one with SIP

The system can be programmed to have emergency calls transfered directly to a call center or any other external number. Outside phone calls can also be received.

Situations can be better assessed with intercom and digital camera views

Security personnel can quickly determine the best response for an unfolding situation with the option to toggle between close-up and broader views. Integrate with an existing VMS for an even larger screen experience.
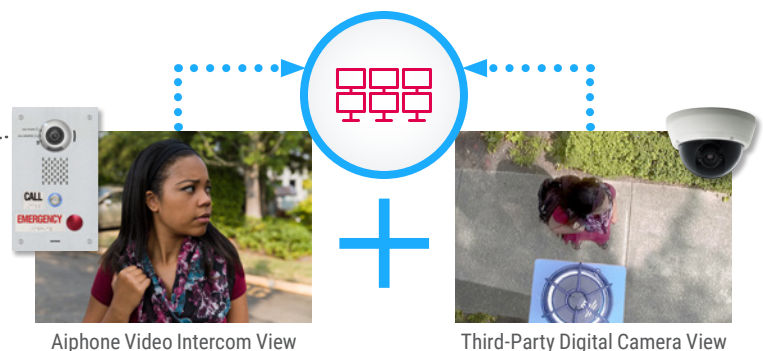
Aiphone Video Intercom View

Third-Party Digital Camera View

Integrates with Common Platforms
for a Comprehensive Security Solution

Genetec™

tyco | Software House

AVAYA
DevConnect
Technology Partner

CISCO
Partner
Solution Partner

Alcatel·Lucent
Enterprise

Our flexible IX Series can meet various integration requirements.
See our extensive list of technology partners and integration solutions ►►►

SIP/VoIP

VMS

NVR

Access Control

Paging Systems

Event Management

Full-Featured System

Peer-to-peer design uses existing infrastructure

Scalable system with unlimited station capacity

PoE; select components have PoE passthrough

Integration with key platforms: access control, VMS, NVR, paging, network cameras, and more

SIP/VoIP allows outgoing calls directly to a phone line or call center

Calls can be transferred an infinite amount, onsite or off

Partitioning allows for more flexible configurations

Line Supervision and Device Check ensure everything is connected and functioning as expected

On-board recording with microSD™ captures audio and video

Bell scheduling up to 50 events for class or shift changes

Custom sounds, alerts, and paging messages (such as "Tornado Warning")

Automatic messages for visitors

User-friendly scheduling and calendar

ONVIF® video streaming 24/7 with VMS

System can be independent of network availability

7" touchscreen master stations with two-way video camera and privacy shutter

PC master station software available in bundles

Wide variety of door stations with various finishes and mounting styles

Mullion-mount style door station for compact installations

Emergency stations with red mushroom call button, lettering, braille, and LED indicators
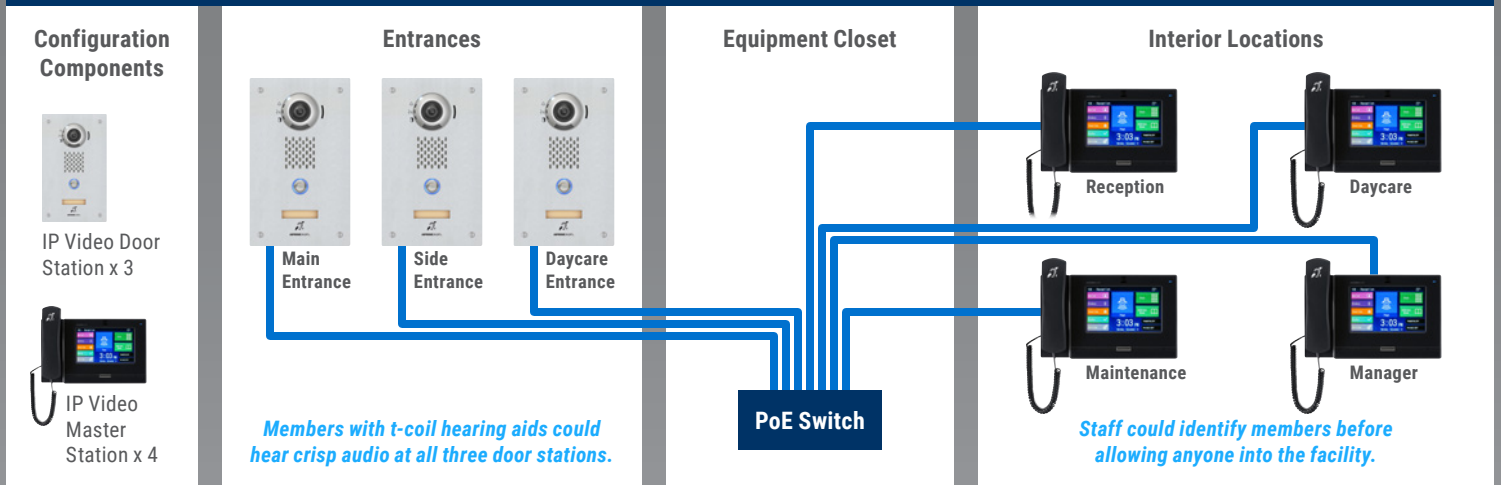
Cost-effective modular towers reduce freight and installation charges

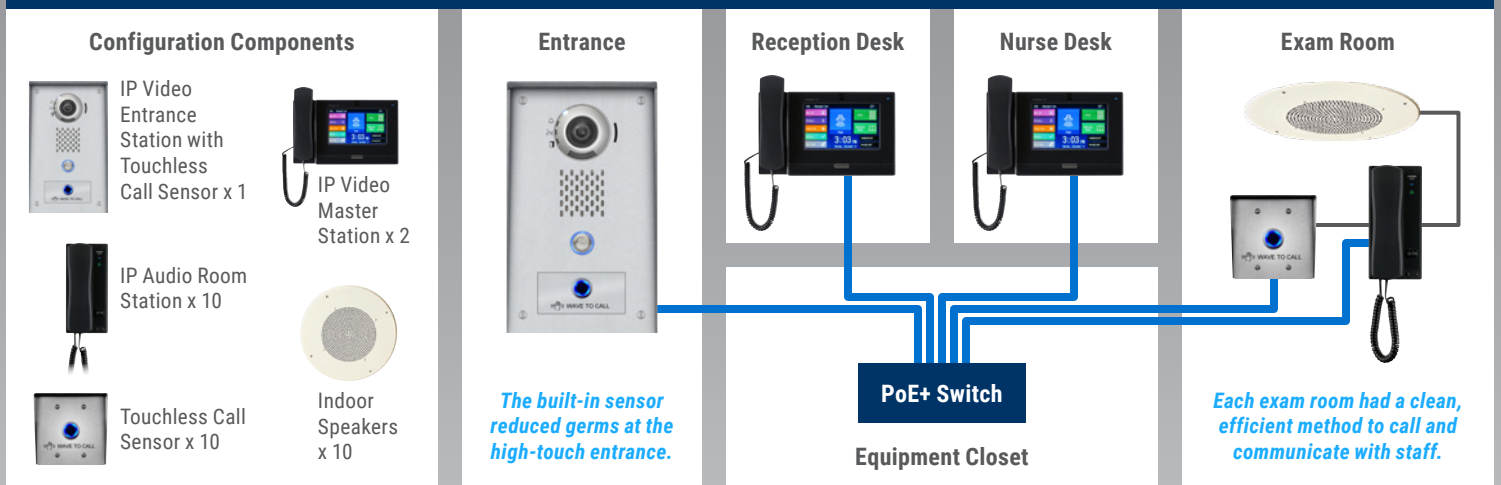Compact wall boxes and emergency stations meet ADA regulations

Built-in and stand-alone touchless call sensors reduce germs at entrances
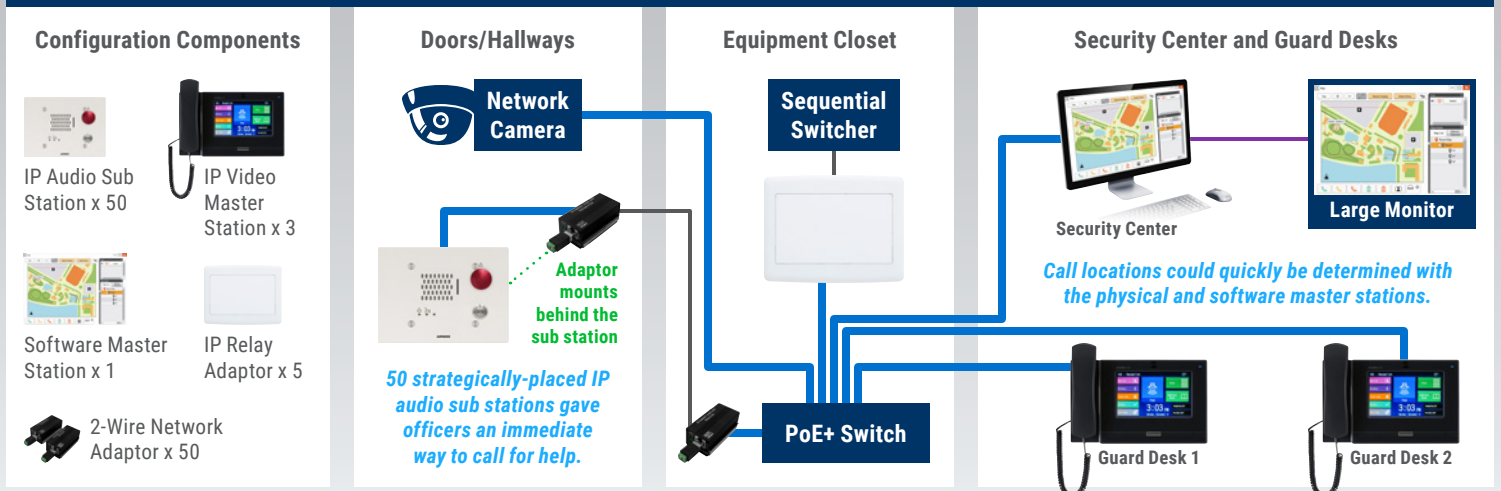
Easy-to-Install Configuration Examples
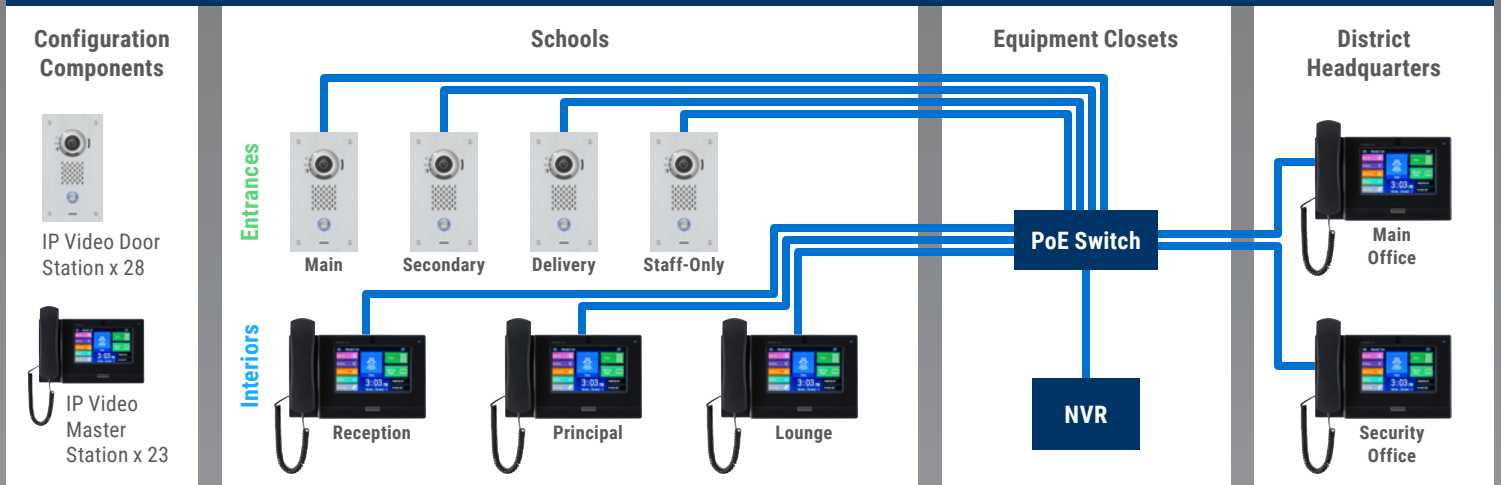
Family Recreation and Daycare Center

Configuration Components

IP Video Door Station x 3

IP Video Master Station x 4

Entrances

Main Entrance

Side Entrance

Daycare Entrance

Members with t-coil hearing aids could hear crisp audio at all three door stations.

Equipment Closet

PoE Switch

Interior Locations

Reception

Daycare

Maintenance

Manager

Staff could identify members before allowing anyone into the facility.

Health Clinic

Configuration Components

IP Video Entrance Station with Touchless Call Sensor x 1

IP Video Master Station x 2

IP Audio Room Station x 10

Indoor Speakers x 10

Touchless Call Sensor x 10

Entrance

The built-in sensor reduced germs at the high-touch entrance.

Reception Desk

Nurse Desk

PoE+ Switch

Equipment Closet

Exam Room

Each exam room had a clean, efficient method to call and communicate with staff.

Correctional Facility

Configuration Components

IP Audio Sub Station x 50

IP Video Master Station x 3

Software Master Station x 1

IP Relay Adaptor x 5

2-Wire Network Adaptor x 50

Doors/Hallways

Network Camera

Adaptor mounts behind the sub station

50 strategically-placed IP audio sub stations gave officers an immediate way to call for help.

Equipment Closet

Sequential Switcher

PoE+ Switch

Security Center and Guard Desks

Security Center

Large Monitor

Call locations could quickly be determined with the physical and software master stations.
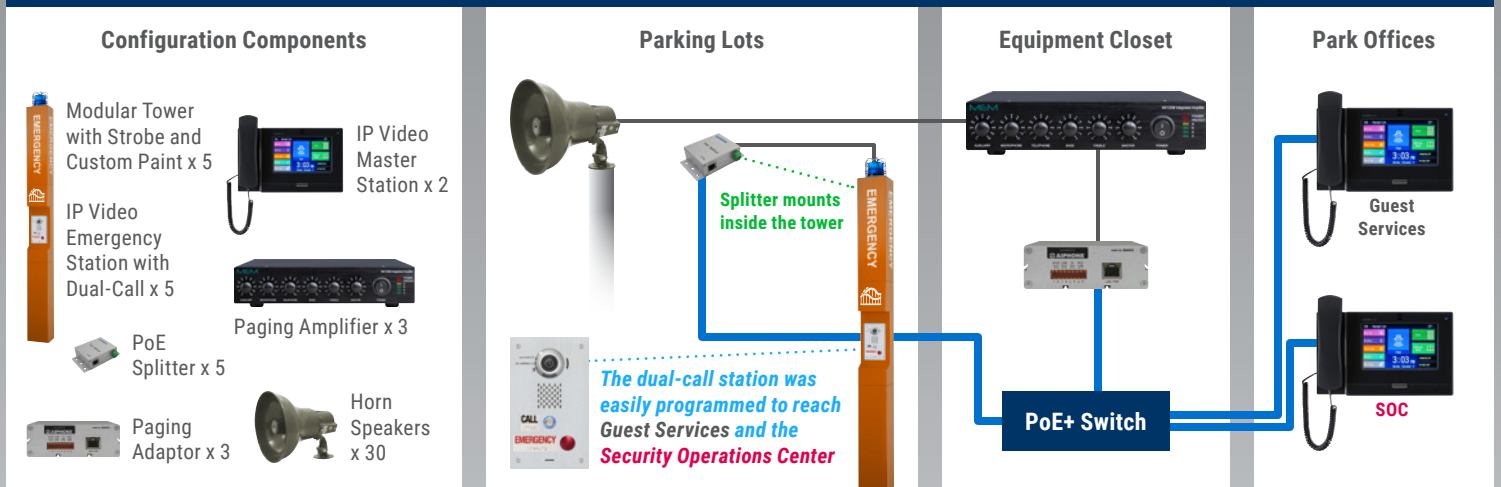
Guard Desk 1

Guard Desk 2

There are an unlimited number of ways the IX Series can be configured. We are excited to meet the challenge.

School District

Configuration Components

IP Video Door Station x 28

IP Video Master Station x 23

Schools

Entrances

Main | Secondary | Delivery | Staff-Only

Interiors

Reception | Principal | Lounge

Equipment Closets

PoE Switch

NVR

District Headquarters

Main Office

Security Office

Public Parking Lot

Configuration Components

Modular Tower with Strobe and Custom Paint x 5

IP Video Emergency Station with Dual-Call x 5

PoE Splitter x 5

Paging Adaptor x 3

IP Video Master Station x 2

Paging Amplifier x 3

Horn Speakers x 30

Parking Lots

Splitter mounts inside the tower

The dual-call station was easily programmed to reach Guest Services and the Security Operations Center

Equipment Closet

Park Offices

Guest Services

SOC

PoE+ Switch

Shopping Mall Parking Garage

Configuration Components

ADA Compliant Wall Box with Caged Strobe x 10

ADA Compliant IP Video Emergency Station with Dual-Call x 10

IP Video Master Station x 1

PoE Splitter x 10

Parking Garage Locations (x10)

Splitter mounts inside the wall box

The dual-call station was easily programmed for shoppers to call for assistance or call if there was an emergency in the parking garage.

Security Operations Center

Guards could immediately distinguish a normal call from an emergency by the alert notification at the main SOC station.

Video could then be used to better assess and record any unfolding situation.

PoE+ Switch

Equipment Closet

Consult with an Aiphone Expert to help design a system for any one of your customers' security needs.

IX Series | Peer-to-Peer IP Video Intercom with SIP
Components and Accessories

IXS-HBDV
Box Set with IX-DV, IX-MV7-HB, PoE Switch, and USB Drive

IX-MV7-HB-L
IP Video Master Station with T-Coil Supported Handset

IX-MV7-HB
IP Video Master Station with Handset

IX-MV7-HW-JP
TAA-Compliant IP Video Master Station with Handset

IX-MV7-B
IP Video Master Station

IX-MV7-W
IP Video Master Station

IXW-MA-SOFT, IXW-MA-SOFT-5, IXW-MA-SOFT-10
PC Master Station Software via Multi-Purpose Adaptor
(1, 5, and 10 IX-SOFT licenses)

IX-SOFT, IX-SOFT-3, IX-SOFT-5, IX-SOFT-10
PC Master Station Software via USB Dongle
(1 dongle or bundles of 3, 5, or 10 USB dongles)

IX-RS-B
IP Audio Room Sub Station

IX-RS-W
IP Audio Room Sub Station

IX-EA
IP Video Door Station

IX-DVM
Mullion-Mount IP Video Door Station

IX-DV
IP Video Door Station

IX-DVF
IP Video Door Station

IX-DVF-L
IP Video Door Station with T-Coil Compatibility

IX-DVF-P
Card Access IP Video Door Station

IX-DVF-HW
IP Video Door Station with Hand Wave Call Sensor and Surface Mount Box

IX-DVF-4
IP Video Door Station with Four Direct-Select Call Buttons

IX-SSA
IP Audio Door Station

IX-SS-2G
IP Audio Door Station

IX-NVP
IP Audio Door Station

IX-NVP2
IP Audio Door Station

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Emergency Stations are also available with French labels:
IX-DVF-2RA-FR, IX-DVF-RA-FR, IX-SSA-2RA-FR, IX-SSA-RA-FR

IX-DVF-2RA
ADA Compliant IP Video Emergency Station with Standard and Red Mushroom Call Buttons

IX-DVF-RA
ADA Compliant IP Video Emergency Station with Red Mushroom Call Button

IX-SSA-2RA
ADA Compliant IP Audio Emergency Station with Standard and Red Mushroom Call Buttons

IX-SSA-RA
ADA Compliant IP Audio Emergency Station with Red Mushroom Call Button

IXW-MA
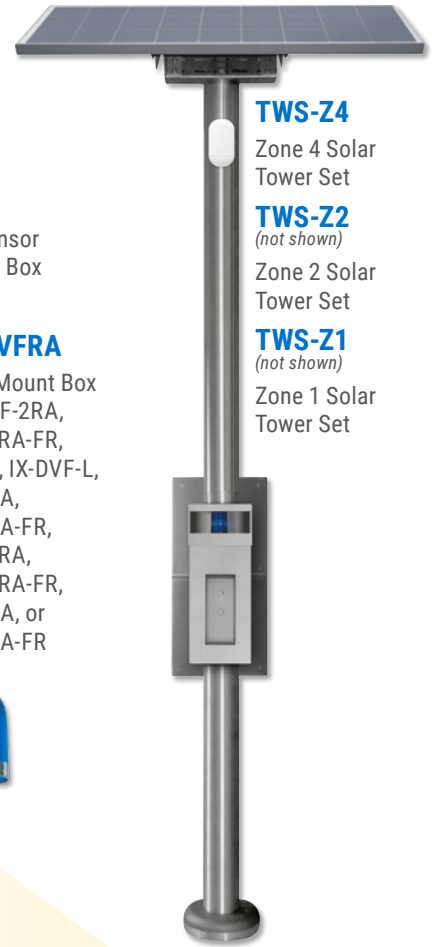IP Relay Adaptor

IPW-1VC
2-Wire Network Adaptor

IXW-PBX
IP PBX

IPW-VPN
VPN Router

IXW-HWCBP
Hand Wave Call Sensor and Surface Mount Box

TWS-Z4
Zone 4 Solar Tower Set

TWS-Z2
(not shown)
Zone 2 Solar Tower Set

TWS-Z1
(not shown)
Zone 1 Solar Tower Set

SBX-2G/A
Surface Mount Box for IX-SS-2G

IX-MB
Mullion Mounting Bracket for IX-DV

SBX-IXDV30
30° Angle Box for IX-DV

SBX-IDVF
Surface Mount Box for IX-DVF or IX-SSA

SBX-IDVFRA
Surface Mount Box for IX-DVF-2RA, IX-DVF-2RA-FR, IX-DVF-4, IX-DVF-L, IX-DVF-RA, IX-DVF-RA-FR, IX-SSA-2RA, IX-SSA-2RA-FR, IX-SSA-RA, or IX-SSA-RA-FR

MB-RF1
Retrofit Mounting Bracket for IX-DVF-L, IX-DVF-P, IX-DVF-2RA, IX-DVF-RA, IX-SSA-2RA, or IX-SSA-RA

TW-SPL
Tower Mounting Plate for Adapting IX-DVF or IX-SSA to TW-20B/A, TW-23B/A, WB-CA, WB-HA, WB-CE, or WB-HE

PS-POE
PoE Splitter for Emergency Stations, Towers, and Wall Boxes

TW-MKL
L-Bolt Mounting Kit for TW-20B/A and TW-23B/A

TW-ARM-CB
CCTV Camera Arm Module for TW-20B/A or TW-23B/A

TW-LCB
Top Plate with Cage and Beacon/Strobe Light for TW-20B/A or TW-23B/A

TW-ASW
White ASSISTANCE Lettering for TW-20B/A or TW-23B/A

TW-EMW
White EMERGENCY Lettering for TW-20B/A or TW-23B/A

WB-CA
ADA Compliant Wall Box with Cage and ASSISTANCE Lettering

WB-HA
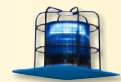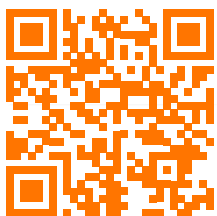ADA Compliant Wall Box with Hood and ASSISTANCE Lettering

WB-CE
ADA Compliant Wall Box with Cage and EMERGENCY Lettering

WB-HE
ADA Compliant Wall Box with Hood and EMERGENCY Lettering

TW-23B/A
3-Module Tower

TW-20B/A
2-Module Tower

Check out the IX Series for complete system details, features, specifications, and more