AIPHONE

IX SYSTEM

BUSINESS APPLICATIONS

\\ IX SYSTEM

Greater flexibility, covering more applications. IX System – getting the job done for a wide range of business applications, while providing connectivity and integration with third-party IP systems.

Unlimited number of IX units can be connected

Up to 9,999 call address registrations in IX master stations. Extreme scalability - use for installations of any size.

No wiring distance limitations

LAN and VPN connections enable implementation over multiple interconnected networks and between remote locations. This allows for closed circuit communication and central control in large facilities, between corporate and satellite offices, and any type of application with multiple locations.

## Space savings, reduced installation time and cost

Simply connect the units to Power over Ethernet (PoE) switches. No need for a dedicated server, with the additional benefit of eliminating the risk of system downtime due to server malfunction and satellite offices, and any type of application with multiple locations.

24/7 Monitoring / Recording

Video from door stations can be monitored and recorded with third-party VMS / NVR systems to improve security across all intercom and CCTV applications.

Custom settings for all situations

- Call queuing
- Page to all stations or individual groups
- Customize with prerecorded messages
- Notifications of call communication status
- Unicast/multicast
- Send email reports
- Wide range of call transfer features including manual, delay, absent and schedule transfers.
- Application specific individual calls and simultaneous calls to multiple devices
- Powerful and clear sound in all situations
- Audio and video recording via ONVIF
- Use of multi-power adaptor (IXW-MA)
- Two-way video call between IX-MV7 master stations
- IP camera integration
- Automatic system status supervision
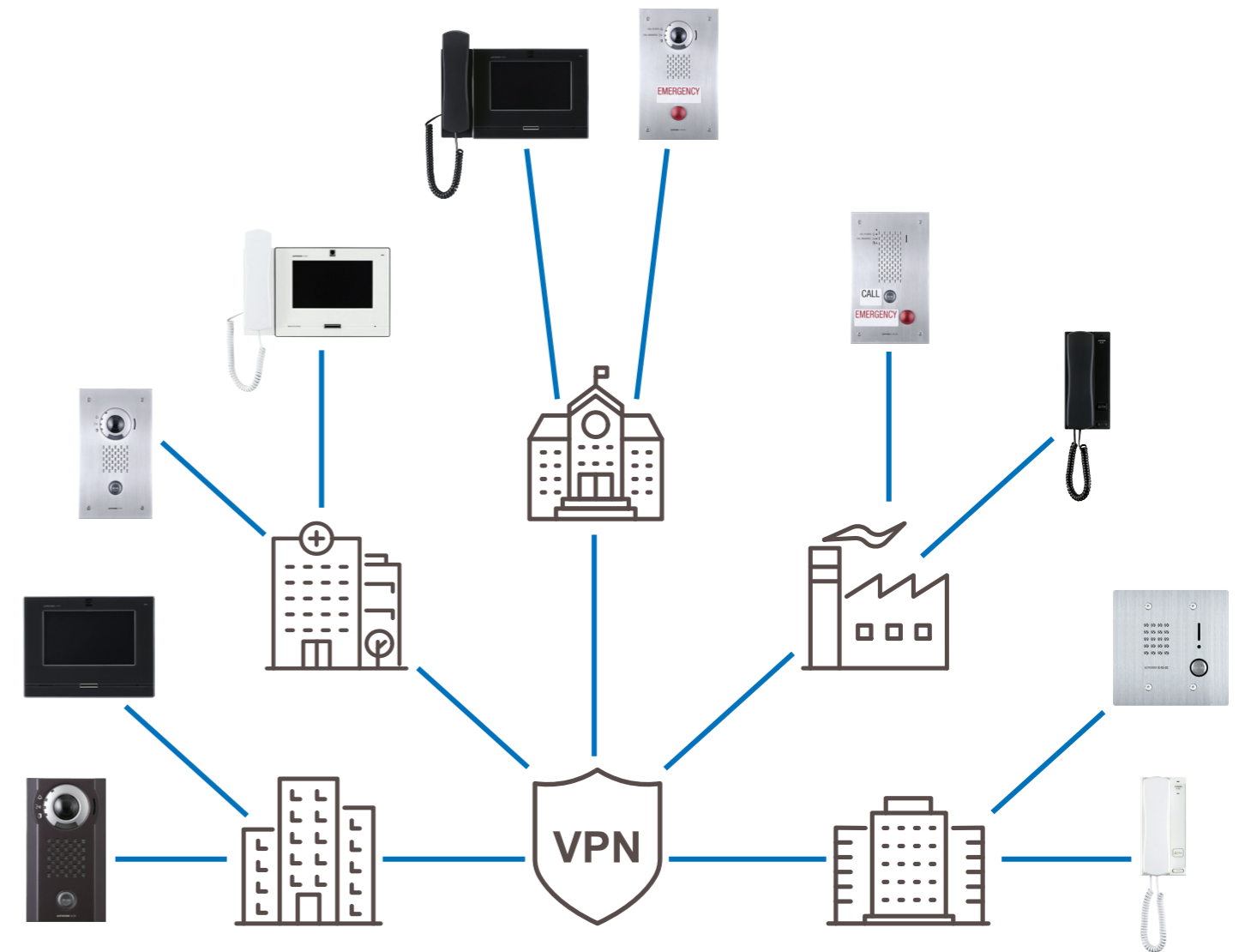
\\ INTEGRATIONS

Utilizing an existing IP infrastructure, IX System can be integrated with Video Management Systems, Access Control Systems, and Network Camera Systems, etc. Combining security components saves time and resources during set-up and training. Moreover, IX System can be integrated with IP-PBX, which enables the IX System to be used as a part of your internal telephone network.

ONVIF

The IX System is compatible with the ONVIF Profile S interface specifications for network camera equipment.

integriti INTEGRATED SOLUTIONS

SIF CGI integration with Inner Range access control systems

Genetec

SIF CGI and SIP integration with Genetec

GALLAGHER

SIP integration with Gallagher Security Command Centre

Network camera

Emergency call

IP-PBX

Access control

Access control

Paging

VMS/NVR

\\ SYSTEM CONFIGURATION

PoE Switch

IX-DV

IX-DVF

IX-MV7-B

IX-RS-B

IX-SSA-2RA
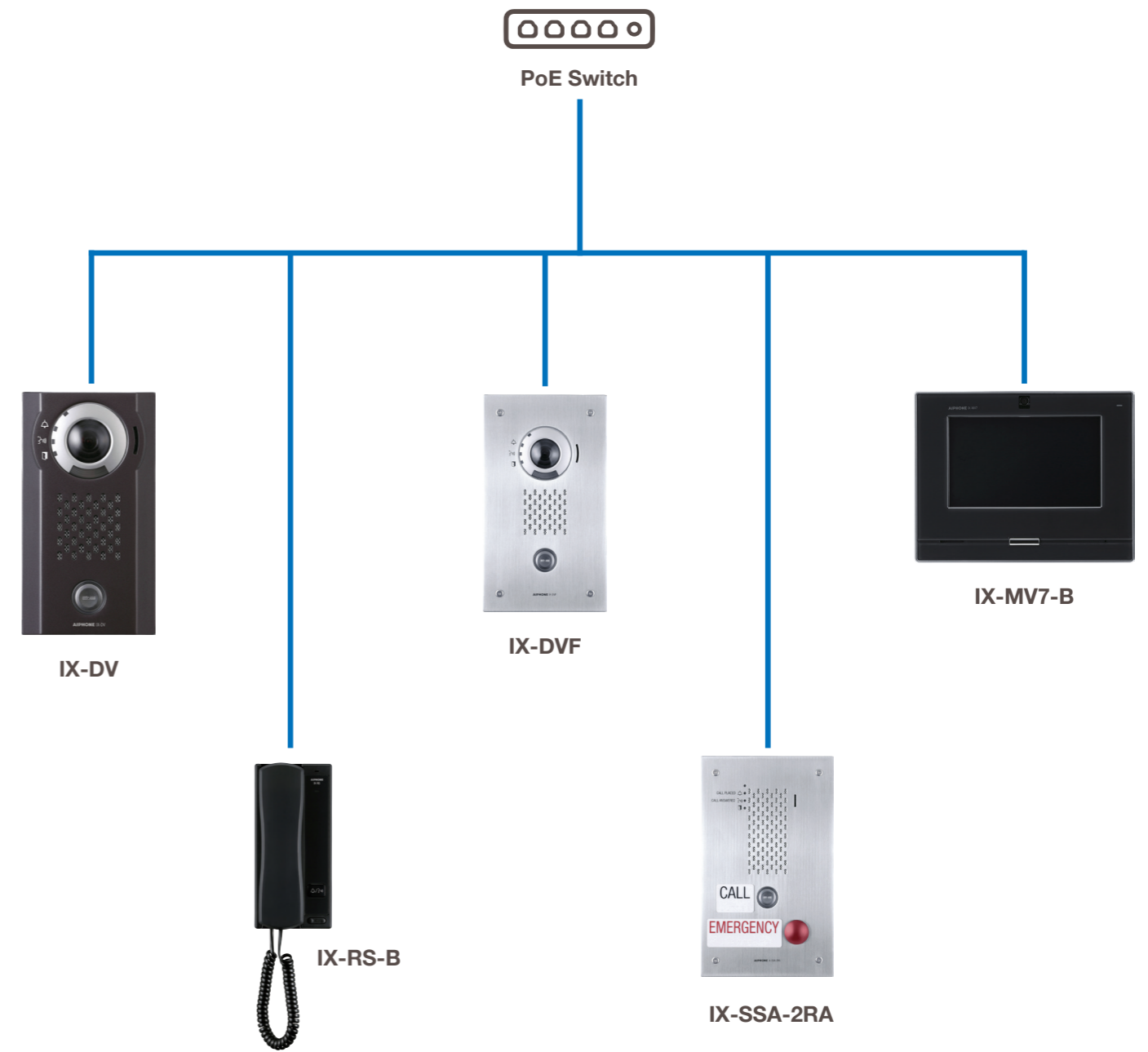
\\ VIDEO DOOR STATION

IX-DVM

FEATURES

- Slimline design (48mm wide) suitable for door mullion
- Enable calls by holding a hand over the contactless call censor or by pressing the call button
- Clear panoramic view, approx. 170 degree angle wide, adjusts lens distortion and video
- Wide dynamic range camera corrects differences in brightness and darkness
- Directly connectible to an IP network
- Release electric lock with relay output
- Status indicator LEDs and audio guidance (calling, in communication and door release)
- Low light LED illumination
- Calling up to 20 preprogrammed stations simultaneously
- Receive paging
- International quality standards: UL 62368-1, IEC 60825-1, CE Marking
- ONVIF Profile S support
- This product incorporates a Class 1 laser. Laser emissions conform with IEC 60825-1:2014.

SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af / at Class 0)
Type of communication	Hands-free automatic voice switching
Camera	1/3.8-type color CMOS, 1280 x 720 (Approx. 0.9 million pixels), Wide dynamic range
Minimum illumination	5 Lux
Operating ambient temperature	-40 to +60°C
Mounting	Surface wall-mount
Material	Die-cast aluminium
IP and IK Rating	IP54/IK07
Input/Output	• Contact input x 1 • Relay output x 1

\\ IX SOFT

IX-SOFT

FEATURES

- **IX Intercom Application for PC**
  The software offers the same features as a physical IX master station. Video and audio communication, door release, monitoring, and paging can all be done through the software.
- **Audio and video recording on PC**
  The software can automatically or manually record video and audio from conversations. Up to 999 recorded files can be saved and accessed through the Recordings function.
- **Speed dial buttons**
  Speed dial buttons can be used to quickly perform functions that have been pre-assigned. Up to 50 favourite buttons can be configured.
- **Custom maps for easy identification**
  Custom maps can be created in IX-SOFT, allowing intercom points and CCTV cameras to be placed in their actual physical locations. This makes it easier to identify where a call is coming from during emergencies.

\\ EMERGENCY TOWERS

Emergency intercom call points are essential for public safety and they must be reliable, easy to locate and robust enough to withstand harsh conditions to ensure help is always accessible.

- **Essential for Public Safety**
  Emergency intercom call points (ECP) are crucial for ensuring public safety as they provide immediate access to help when needed. Aiphone's ACPs are reliable, easy to locate, and durable enough to function in harsh conditions.

- **Direct Emergency Assistance**
  By integrating with IP PBX systems, the system can be programmed to transfer emergency calls directly to an emergency number or after-hours phone line, ensuring timely assistance.

- **Enhanced Situational Awareness**
  Security personnel can assess situations from multiple angles using CCTV and picture-in-picture views by integrating video and intercom functionality, enabling a more informed and effective response.

- **24/7 Monitoring**
  Continuous monitoring and recording are possible through third-party VMS/NVR systems, enhancing overall security and ensuring that emergencies are documented and acted upon.

\\ CALL POINT WALL BOXES

FEATURES

- Made of zinc shielded primed powder coated mild steal
- Has a non-high intensity strobe light
- Recessed light above the intercom for nighttime visibility
- Blue wall box with ASSISTANCE in white lettering
- Red wall box with EMERGENCY in white lettering
- Suits IX-DVF-RA, IX-DVF-2RA, IX-SSA-RA, IX-SSA-2RA
- Intercom needs to be ordered separately

SPECIFICATIONS

Material	Made of Zinc shield primed powder coated mild steel (stainless steel option available)
Power source	• 24V DC for the strobe light and the down-light above the intercom • IX device can be powered with a Power-over-Ethernet (IEEE 802.3af Class 0) or a • 24V DC power supply
Part numbers	• **WB-AST** Blue wall box with ASSISTANCE in white lettering • **WB-EM** Red wall box with EMERGENCY in white lettering
Size	• **Without pole mount adapter** 200mm (L) x 100mm (W) x 687mm (H) • **With pole mount adaptor** 200mm (L) x 172.3mm (W) x 733.2mm (H)

\\ CALL POINT TOWERS

FEATURES

- Made of zinc shielded primed powder coated mild steal
- Has a non-high intensity strobe light
- Recessed light above the intercom for nighttime visibility
- Blue tower with ASSISTANCE in white lettering
- Red tower with EMERGENCY in white lettering
- Suits IX-DVF-RA, IX-DVF-2RA, IX-SSA-RA, IX-SSA-2RA
- Intercom included with the call point towers

SPECIFICATIONS

|	
Material	Made of Zinc shield primed powder coated mild steel (stainless steel option available)
Power source	• 24V DC for the strobe light and the down-light above the intercom • IX device can be powered with a Power-over-Ethernet (IEEE 802.3af Class 0) or a • 24V DC power supply
Part numbers	• **TW-AST-DVFRA** Single-button video Blue tower with ASSISTANCE in white lettering • **TW-AST-SSARA** Single-button audio Blue tower with ASSISTANCE in white lettering • **TW-EM-DVFRA** Single-button video Red tower with EMERGENCY in white lettering • **TW-EM-SSARA** Single-button audio Red tower with EMERGENCY in white lettering
Size	• **Base** 295mm (L) x 295mm (W) • **Tower** 150mm (L) x 150mm (W) x 2426mm (H) (2411mm without the strobe-light)

\\ VIDEO DOOR STATION

IX-DV

IX-DVF

IX-2DVF
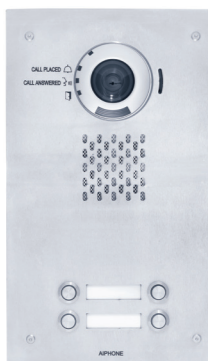
IX-4DVF
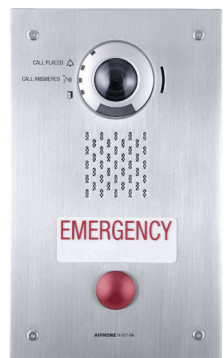
IX-DVF-RA

IX-DVF-2RA

FEATURES

- Directly connectible to an IP network
- Door release output
- Status indication for calling, communication and door release
- Nighttime LED illumination
- Calling up to 20 preprogrammed stations simultaneously
- Make a call to all stations that belong to a selected group
- Make a call to all stations that belong to a selected contact input call group
- Call response function (except IX-DVF-RA)
- Record audio and video to a micro SD card (SD card not included)
- Receive paging
- Send e-mails
- Transmitting video through ONVIF
- Schedule-linked message
- Auxilary call button models available (IX-2DVF and 4 DVF)

SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af / at Class 0) or PS-2420 / 2420S / UL / BF
Type of communication	Hands-free
Camera	1/3-inch color CMOS
Minimum illumination	5 Lux
Mounting	Wall-mount (IX-DV) Flush wall-mount (IX-DVF, IX-DVF-RA/2RA)
Material	Die-cast aluminium (IX-DV) Stainless steel (IX-DVF, IX-DVF-RA/2RA)
IP and IK Rating	IP54 (IX-DV) IP65 (IX-DVF, IX-DVF-RA/2RA) IK08
Input/Output	• Contact input × 6 (IX-DV, IX-DVF) • Contact input x 5 (IX-DVF-RA/2RA) • Relay output × 2 • Audio output x 1

\\ AUDIO DOOR STATION

IX-SSA

IX-SS-2G

IX-SSA-RA

IX-SSA-2RA

FEATURES

- Directly connectable to an IP network
- Calling up to 20 preprogrammed stations simultaneously.
- Calling Group Call: Make an outgoing call to all stations that belong to the selected group.
- Make a call to all stations that belong to a selected contact input call group
- Call response function (except IX-SSA-RA)
- Record audio to a micro SD card (except IX-SS-2G, SD card not included)
- Receive paging
- Others Send e-mails / Schedule-linked message
- Call and emergency buttons and braille (English braille) available for IX-SSA-RA and IX-SSA-2RA

SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af / at Class 0) or PS-2420 / 2420S / UL / BF (except IX-SS-2G)
Type of communication	Hands-free
Mounting	Flush wall-mount
Material	Stainless steel
IP and IK Rating	IP65 IK08
Input/Output	**IX-SSA** • Contact input x 6 • Relay output × 2 • Audio output x 1 **IX-SS-2G** • Relay output × 1 • Audio output x 1 **IX-SSA-RA & IX-SSA-2RA** • Contact input x 5 • Relay output × 2 • Audio output x 1

\\ MASTER STATION

IX-MV7-HW

IX-MV7-HB

IX-MV7-B

IX-MV7-W

FEATURES

- Directly connectable to an IP network
- 7-inch touch display for easy operation and video monitoring
- Camera with privacy cover
- A variety of display modes designed for different situations
- Hands-free, push-to-talk or handset audio communication
- Direct voice call from master station to another station
- Video image adjusting function
- Record audio and video to a micro SD card at the start of or during a call (SD card not included)
- Play audio or video recordings saved to a micro SD card on a computer
- Call or communication transfer to another master station
- Paging to a group or all stations
- Message paging: Broadcast messages and notifications through the system
- External input paging: Send a page using contact input and external sound input
- Monitor other stations

SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af Class 0)
Type of communication	Hands-free / Push-to-talk Handset: Full-duplex / Push-to-talk
Monitor	7 inch TFT LCD display
Mounting	Desktop use (with desktop stand) or wall-mount
Material	Flame resistant resin
Input/Output	• Contact input ×4 • Relay output ×2 • External speaker output (8Ω 0.5w or less) ×1 • Paging sound source input ×1 • Voice input/output (3.5mm stereo mini plug) ×1

\\ HANDSET SUB STATION

IX-RS-B

IX-RS-W

FEATURES

- Directly connectable to an IP network
- Calling
  - Group Call: Make an outgoing call to all stations that belong to the selected group.
  - Contact input call: Make an outgoing call to all stations that belong to the selected contact input call group.
- Calling up to 20 preprogrammed stations simultaneously.
- Receive paging
- Others
  - Door release: Release an electric lock during communication.
  - Send e-mails: An e-mail can be sent to pre-registered e-mail addresses when triggering events occur.

IX-RS SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af Class 0)
Type of communication	Handset: Full-duplex Hands-free: Automatic Voice switching
Mounting	Wall-mount
Material	Flame resistant resin
Input/Output	• Contact input ×1 • Relay output ×1 • External speaker output (8Ω 2w or less) ×1

\\ ADAPTOR

IXW-MA

IXW-MA FEATURES

- Directly connectable to an IP network
- 4 Contact inputs
- 10 Relay outputs
- Power supply from PoE

IXW-MA SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af Class 0)
Mounting	Surface Wall-mount
Material	Self-extinguishing resin

**IXGW-TGW
GATEWAY ADAPTOR**

IXGW-TGW FEATURES

- SIM card or wired lan options available

IXGW-TGW SPECIFICATIONS

Power source	Power-over-Ethernet (IEEE 802.3af Class 0)
Channel	8
Mounting	Wall-mounted (DIN rail)
Material	Self-extinguishing ABS resin

\\ SURFACE MOUNT BOXES
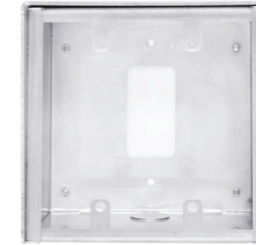
SBX-2G/A

SBX-2GA/AU

Compatible with	IX-SS-2G
Size	• **Box** 120.4mm (L) x 88.9mm (W) x 120.4mm (H) • **Hood** 123.4mm (L) x 101.6mm (Top W) x 90.4 (bottom W) x 122.3mm (H)

SBX-IDVF

SBX-IDVF/AU

Compatible with	• IX-DVF • IX-SSA • IX-DF • IX-DF-P • IX-DF-PI • IX-SS
Size	• **Box** 150.2mm (L) x 54.5mm (W) x 265mm (H) • **Hood** 150.72mm (L) x 84.3mm (Top W) x 58.5 (bottom W) x 267mm (H)

SBX-IDVFRA

SBX-IDVF

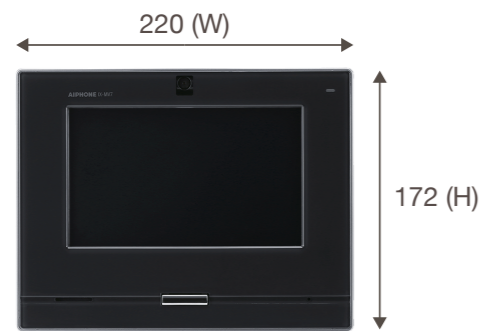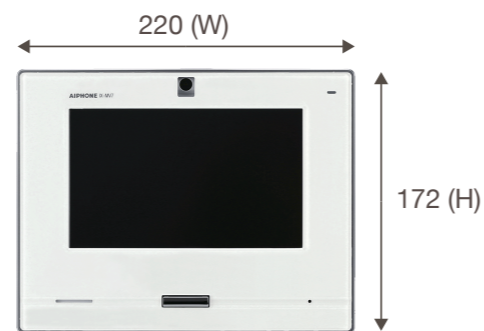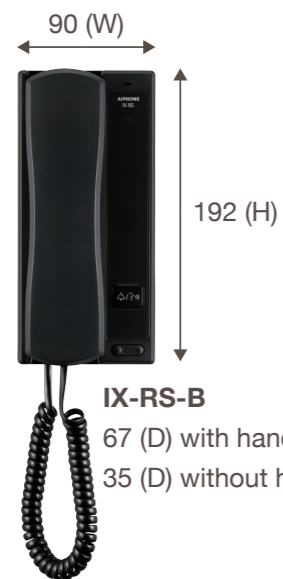|	
Compatible with	• IX-DVF-P • IX-DVF-RA • IX-DVF-2RA • IX-SSA-RA • IX-SSA-2RA • IX-DF-2RA • IX-SS-2RA • IX-SS-RA • IX-2DVF • IX-4DVF
Size	• **Box** 178.2mm (L) x 55.5mm (W) x 297mm (H) • **Hood** 181.9mm (L) x 80.3mm (Top W) x 58.5 (bottom W) x 299mm (H)

\\ PRODUCT DIMENSIONS
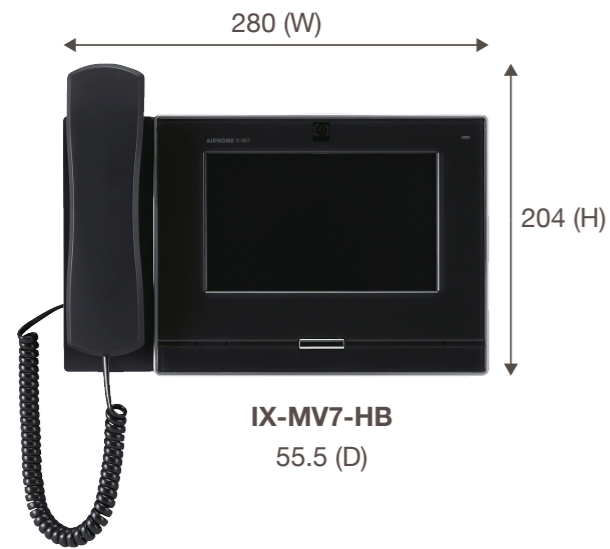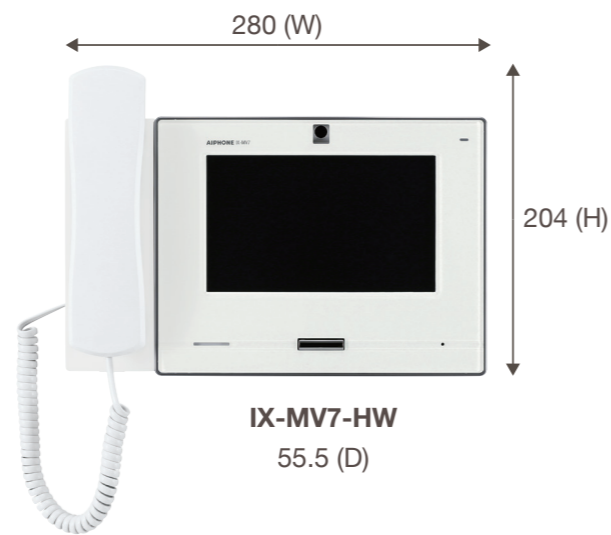
280 (W)

IX-MV7-HB
204 (H)
55.5 (D)

280 (W)

IX-MV7-HW
204 (H)
55.5 (D)

220 (W)

IX-MV7-B
172 (H)
31.7 (D)

220 (W)

IX-MV7-W
172 (H)
31.7 (D)

90 (W)

IX-RS-B
192 (H)
67 (D) with handset
35 (D) without handset

90 (W)

IX-RS-W
192 (H)
67 (D) with handset
35 (D) without handset

120 (W)
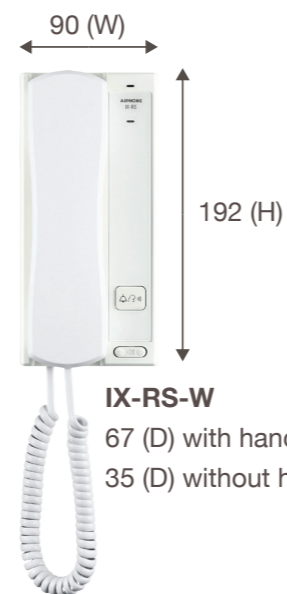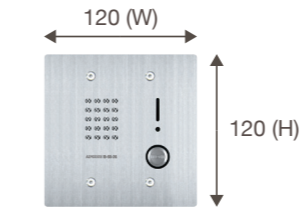
IX-SS-2G
120 (H)
52.5 (D) with panel
50 (D) without panel

48 (W)
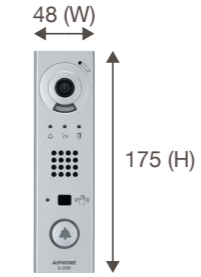
IX-DVM
175 (H)
37 (D) with button
34 (D) without button

115 (W)

IX-DV
207 (H)
52.5 (D) with button
45 (D) without button
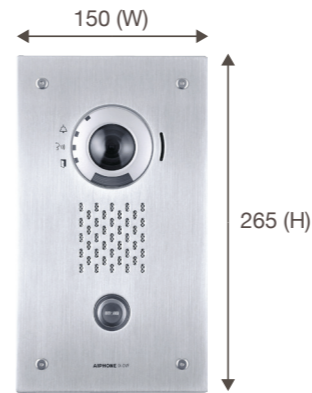
150 (W)

IX-DVF
265 (H)
60 (D) with button & lens cover
50 (D) without button & lens cover

178 (W)

IX-DVF-RA
297 (H)
63 (D) with button & lens cover
50 (D) without button & lens cover

EMERGENCY

178 (W)

IX-SSA-RA
297 (H)
63 (D) with button & lens cover
50 (D) without button & lens cover

EMERGENCY

150 (W)
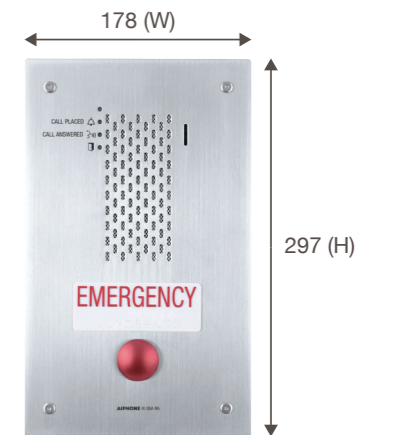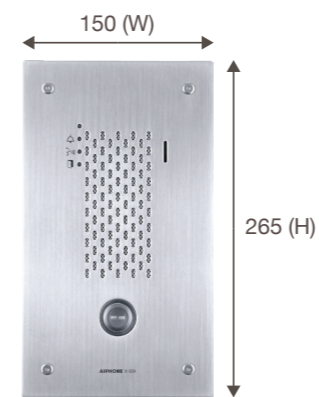
IX-SSA
265 (H)
62.5 (D) with button
50 (D) without button

178 (W)

IX-DVF-2RA
297 (H)
63 (D) with button & lens cover
50 (D) without button & lens cover

CALL
EMERGENCY

178 (W)

IX-SSA-2RA
297 (H)
63 (D) with button & lens cover
50 (D) without button & lens cover

CALL
EMERGENCY

178 (W)

IX-4DVF
297 (H)
60 (D) with button & lens cover

178 (W)
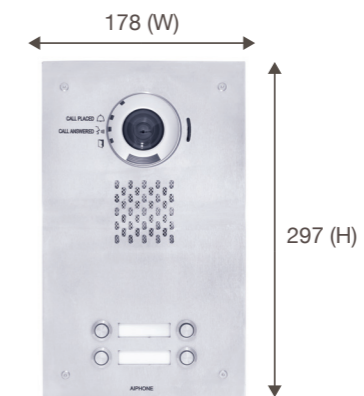
IX-2DVF
297 (H)
60 (D) with button & lens cover

AIPHONE

Japan's finest intercoms

Deming Prize

JQA-0291
Corresponding product:
Standard product
Order Product

JQA-EM0453
Headquarters Toyota
Factory Taihoh Site
Development Center