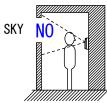
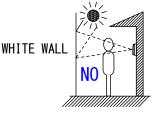


## ■ RESTRICTIONS

- A PoE-compatible switch must be used as the switch (hub) for station connection.
- Video door station's ONVIF video system can only be accessed by one 3rd party product at a time. Multiple simultaneous connections not possible.
- A computer is required to make system settings. IX system can be configured in one of the two methods, "IX Support Tool" application or Web browser. Once the system has been configured through a browser, the settings cannot be transferred to IX Support Tool. The IX Support Tool is recommended for system settings management.
- Do not cover the moisture escape holes with caulking seals.
- While updating the System settings, stations unavailable.
- Avoid installing This station in the following locations;







At the entrance where background is sky in upper floors of Condominiums, etc.

The background of the standing caller's is white wall.

Where the standing location is strongly sunlit.

• In order to audio or video record, the following microSD memory card (market goods) compliant with SD standard is necessary.

Standard	Capacity	File System	Speed Classes
SDHC	4GB up to 32GB	FAT32	C10

## ■ RESTRICTIONS ABOUT THE NETWORK

- When connecting via the Internet (global IP networks), VPN Service is necessary.
- We do not recommend using a wireless communication such as wireless LAN as it may not operate correctly due to security issues or communication speed delays.
- For IPv4 Address with DHCP, due to the architecture of the IX system, DHCP configuration is only recommended for network environments utilizing managed (static) IP address leasing.
- For stateless IPv6 Address, do not change the prefix of the device so that it cannot transmit Router Advertisement (RA).
- For IPv6 Address with DHCP, due to the architecture of the IX system, DHCP configuration is only recommended for network environments utilizing managed (static) IP address leasing. The DUID of the device: 00030001 + MAC address
- Depending on the network environment and computer, prior arrangements and setup operations involving the network administrator might be necessary.
- Depending on the network environment, operation delay might occur.
- Depending on the network environment or other factors, audio or video dropout, delays, lower frame rates, or other loss of correct operation might occur.
- The protocols used by this system must be supported.
- The network bandwidth required by each device when communicating are as follows.
   G. 711 · G. 722 : 64kbps x 2(in communication), 64kbps x stations(on page)
   H. 264 : 64kbps up to 2048kbps(When communicating with 3rd party product supporting ONVIF, 32kbps to 8192kbps)
- IPv4 and IPv6 cannot be mixed in the same system.
- When using multicasting for video, or audio, use in an environment that does not reject IGMPv3 or MLDv2.

DESCRIPTION	FIG. NAME		UNIT	DATE
VIDEO DOOR STATION	RESTRICTIONS		mm	19 December, 2018
MODEL NO.	FIG. NO.	PAGE	REVISION	
IX-DVF-2RA	154047-3-5	3/5	1	AIPHONE

■ FUNCTIONS								
• 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.								
<ul> <li>Answer function Answering a call: When incoming a call or page, answering with Call button. (Requires setup.)</li> <li>Audio or video recording function Audio or video recording: Record audio and video to a microSD card at the start of or during a call. Audio or video playback: Play an audio or video recording saved to a microSD card on a computer.</li> </ul>								
<ul> <li>Paging Incoming a page.</li> <li>Option Input The following functions can be Calling: Group Call</li> </ul>	assigned to each of the	six option ir	nputs.					
Answer operation: Answer a cal Relay Latch Reset: Reset the "I API: Send API command by option • Relay Output	l and page by option inp Latch Output" in operati n input.	ut. on.						
The following functions can be Status output: Make a relay ou External Audio Output: Trigger Audio Ou Door Release: Trigger a relay o Option Relay Control: Trigger	tput in status of Outgoi a relay output for oper utput terminal. output when receiving an a relay output when rece	ng a call/Comm ating PA ampl unlocking ins	nunication. ifier when a struction.					
Audio output Output receiving audio of commu Output receiving audio of commu		aging amplifie	er.					
<ul> <li>Others IP-PBX integration: IX System of Make, rece *. Integrat Send emails: Emails can be sen Transmitting video through ONV Chime: Play message data follow</li> <li>Indicators</li> </ul>	ive, transfer calls, ans ion with SIP (Unified Co t to pre-registered emai IF: View Video from Door supporting the ONVIF	wer visitors, mmunication Ma	anager) of (	lieco Sveteme				
Name	Status *1		Descript	ion				
Ora	nge flashing	Booting Device error, startup error Communication failure						
Status indicator		Updating Firmware Mounting/unmounting microSD card Initializing						
	e light	Standby						
	e flashing	Call destination busy Incoming call Incoming paging When being monitored (Depends on setting)						
Call indicator Gre	en flashing	Outgoing calling						
	nge light	In communicati						
	en flashing	Door releasing						
*1. The flashing pattern varies *2. This flashes when the elect	<ul> <li>*1. The flashing pattern varies depending on the state of video door station.</li> <li>*2. This flashes when the electrical lock connected to this station is released. If the door release timeout is set to 3 seconds or less, it will flash at a 3 second interval.</li> </ul>							
■ IMAGING RANGE AND MOUNTI Vertical	Ca If	mera angle -8° lower due to a	level					
Camera angle 0° Camera		fference		Horizontal				
Approx. 1, 950 (6' 4'') Approx. 700 (2' 3'') Unit center 1, 500 (4' 11'') (1' 7'') (4' 11'')		Approx. 1, 800 (5 10°) Approx. 700 (2 3°) Unit center 1, 500 (1'7°) (1'7°) (1'7°) (1'7°) (1'7°)		Approx. 1, 150 (3'9")				
DESCRIPTION	FIG. NAME							
VIDEO DOOR STATION	FUNCTIONS/IMAG		UNIT mm	19 December, 2018				
MODEL NO.	FIG. NO.	PAGE	REVISION	AIPHONE				
IX-DVF-2RA	154047-4-5	4/5	1					

■ SETTING Station settings Configure on the station • WEB settings Configure using a PC System requirements Network Ethernet(10BASE-T, 100BASE-TX) Microsoft Edge / Internet Explorer 10.0, 11.0 / Mozilla Firefox 59, 60(TLS1.0, Web browser 1.1 or 1.2 enabled) • Using the "IX Support Tool" application Install the application on a PC and use to create the setting file for all stations. Refer to "■IX SUPPORT TOOL" ■IX SUPPORT TOOL System requirements Windows 7 Professional, Windows 7 Enterprise, Windows 7 Ultimate Windows 8, Windows 8 pro, Windows 8 Enterprise 0S Windows 8.1, Windows 8.1 pro, Windows 8.1 Enterprise Windows 10 Home, Windows 10 pro, Windows 10 Enterprise Windows 10 Education CPU 32 bit (x86) processor or 64 bit (x64) processor of 1 GHz or higher 4 GB RAM or higher Memory Screen resolution | 1280x768 or greater Functions - Settings (Table View) ... All stations in the system can be configured from the Settings window. - Settings(Station View)...Configure each station in the system individually. - Setting File Download...Store the Settings File - Setting File Upload...Upload the Settings File - Station Search...Search the stations in IX System connected in the network to show the list. - Station Replacement...this feature to replace a station. - Restore System Settings... If the setting file is lost, the setting file can be restored. - Update Firmware...Update the firmware for the station. Restrictions - If the station was configured or modified using the web interface, the setting file cannot be downloaded using the IX Support Tool. ■ IX SUPERVISION TOOL Install the application on a PC and use to Line supervision and device check for stations. System requirements Windows 7 Professional, Windows 7 Enterprise, Windows 7 Ultimate Windows 8, Windows 8 pro, Windows 8 Enterprise 0S Windows 8.1, Windows 8.1 pro, Windows 8.1 Enterprise Windows 10 Home, Windows 10 pro, Windows 10 Enterprise Windows 10 Education CPU 32 bit (x86) processor or 64 bit (x64) processor of 1 GHz or higher Memory 4 GB RAM or higher Screen resolution | 1280x768 or greater Functions - Line Supervision...By checking the response to a ping, this feature confirms that the station is properly connected to the network. - Device Check…This function to determine whether stations are operating normally or malfunctioning. - Download Video and Audio…To download recordings of the Door Stations. DESCRIPTION FIG. NAME UNIT DATE VIDEO DOOR STATION SETTING/IX SUPPORT TOOL/IX SUPERVISION TOOL 19 December, 2018 mm MODEL NO. FIG. NO. PAGE REVISION AIPHONE

154047-5-5

5/5

1

IX-DVF-2RA