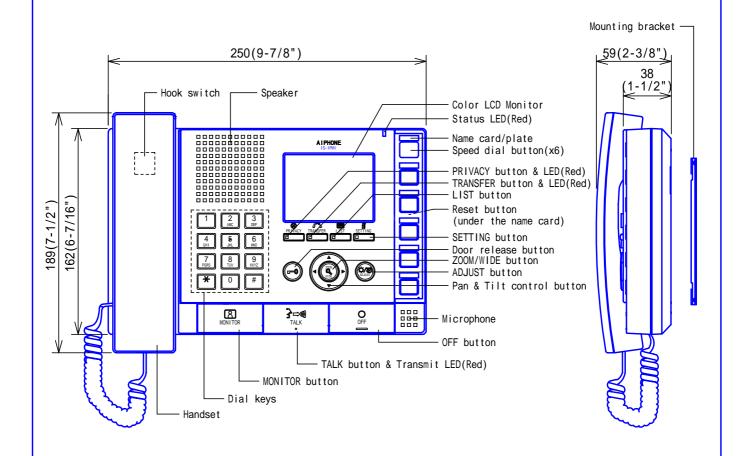
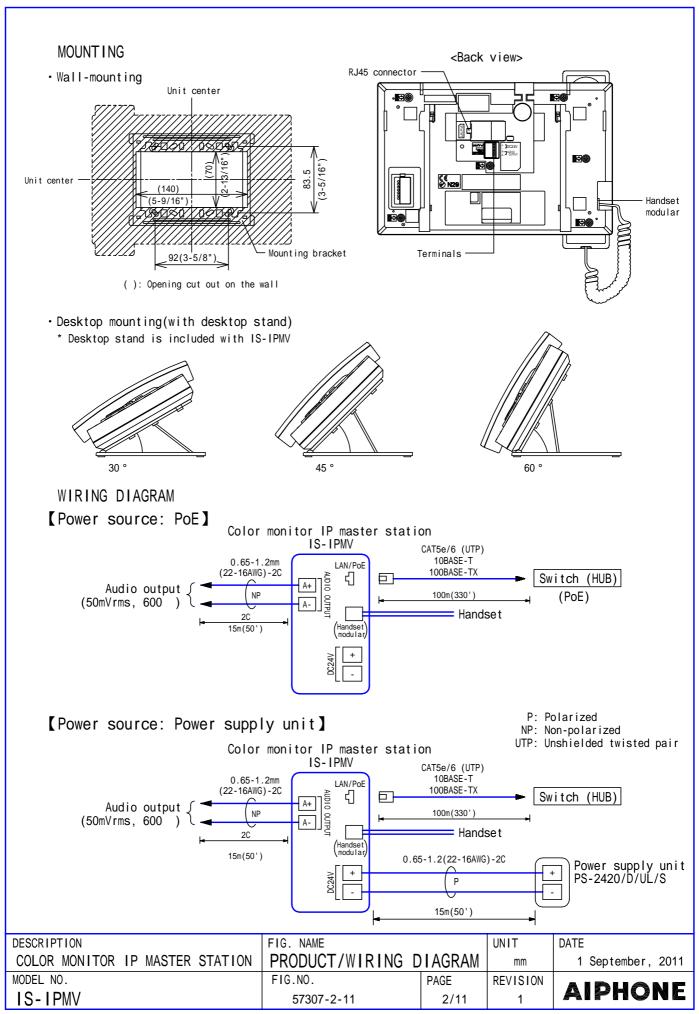
# PRODUCT DRAWING



# **SPECIFICATIONS**

Power source	24V DC: Supplied from a power supply / 48V DC: PoE					
Current consumption	Max.130mA	(24V DC), Max.65mA (48V	DC)			
Call tone	Audible i	Audible indication & Status LED blinking (until call timeout)				
	Handset: 3	Handset: Simultaneous Communication (When PTT is not set)				
Communication	Hands-free	e: Auto-voice actuation				
	Press-to-	talk (PTT)				
Monitor	3.5 inch	color LCD monitor				
Call history	20 receive	ed calls, 20 placed calls	3			
Doging consoity	Simultane	ous paging to Max.5 stati	ions and/o	zones in	the same site or	
Paging capacity	a remote site.					
LAN	Ethernet	(10 BASE-T, 100 BASE-TX)				
Protocol	TCP/IPv4,	TCP/IPv4, UDP/IPv4, TCP/IPv6, UDP/IPv6, SIP, Others				
Mounting	Desktop us	se (with or without desk	top stand)	or wall-mo	ount	
Ambient temperature	0 ~ 40 (-	+32 ° F ~ +104 ° F)				
Electrical box	1-gang box	x: wiring only				
Liectifical box	3-gang box	x: wiring and fixing				
Material	Flame res	isting ABS resin				
Color	Black					
Weight	820g (1.81 lbs)(approx.)					
DESCRIPTION		FIG. NAME		UNIT	DATE	
COLOR MONITOR IP MASTER	STATION	ON PRODUCT/SPECIFICATIONS		mm	2 May, 2013	
MODEL NO.		FIG.NO. PAGE		REVISION	AIBLANE	
IS-IPMV	57307-1-11 1/11			2	AIPHONE	



## **RESTRICTIONS**

High environmental noise around the master station may prevent proper switching in Hands-free mode. In these circumstances, Press-to-Talk (PTT) mode is recommended.

An IS-IPMV cannot receive two or more calls at a time.

When set to PTT only mode, all communication, including the use of the handset will be PTT.

Calling, monitoring or communicating with a door station will prevent other master stations (not called) from being able to monitor that door station.

When in scan-monitoring mode, Zoom/Wide and Pan-tilt controls cannot be operated.

When in scan-monitoring mode, the door release control cannot be operated.

When in (scan-)monitoring mode, the camera field of view will be wide angle even if a pan-tilt/zoom preset has been configured.

When the call-in timeout is set to "O (No limit)," IP-based calls will occupy an available talk path until the call is acknowledged and communication is finished.

If a call is transferred between sites, it cannot be transferred again.

When all other talk and video channels are occupied, the current communication will be interrupted due to a higher priority call.

No call tone signals from AUDIO OUTPUT (A+, A-).

You cannot transfer a communication to a remote site.

You cannot monitor a remote site.

You cannot make chime paging to the pilot zone in a remote site when the site does not have chime sources.

System setting (or Network setting) by PC is required (For the setting items, refer to "IS-IPC" specification sheet. Setting items differ depending on the system configuration.). The network setting method differs according to the network environment.

Depending on the network environment, operations may not be carried out normally, such as interrupted audio or video, and delayed frame rate decrease.

Depending on the broadband router, it may not operate.

You need a broadband connection to use this system over the Internet. Also, the broadband router needs a Static Global IP Address.

In a site, up to 32 IP units (including up to 8 IP control units) can be connected.

Up to 31 IS-SOFT can be connected to a system.

In this case, at least 1 IP host unit, IS-IPC, IS-IPMV, or IS-IPDV(F), is required to connect in a system.

Download the setting data as a backup copy after you finish making settings or setting changes. If you do not communicate with remote sites, set [UPnP] to OFF at [Network setting: Common] (IPv4 only)

Set the static IP address to the IP host unit.

Requirements for IP units to operate them as the units of an identical site.

- The network segments are identical.
- If the network segments are not identical;
  - Multicast packet forwarding setting can be made on a router or Layer 3 switch (a component in this system).
    - This unit uses IGMPv2 in IPv4 and MLDv2 in IPv6 for controlling a multicast group.
  - They comply with the protocol of this system for setting up them among points. (e.g., Layer2VPN etc.)

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	RESTRICTIONS		mm	2 May, 2013
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Requirements for a router or Layer 3 switch for interconnecting sites

- For a router or Layer 3 switch (a component in this system) connected to this unit directly;
  - It has a NAT function.
  - UPnP can be set to OFF (IPv4 only).
  - It can be set to open ports individually (Protocol: UDP).
    - The number of ports that can be opened differs depending on the system configuration.

Cotting part range	UDP	1 ~ 65535
Setting port range	TCP	1 ~ 65535
	1 site	8 ports
	IP-IPC	3 ports
UDP port forwarding	IS-IPMV	2 ports
setting	IS-SOFT	2 ports
	IS-IPDV	1 port
	IS-IPDVF	1 port

e.g. When 1 x IS-IPMV and 1 x IS-SOFT is located behind a router; 8 ports + 1 x 2 ports + 1 x 2 ports = 12 ports

#### Site:

Means an organization set up on a single LAN (IP network). An entire system can have up to 32 sites connected on an IP network.

We do not recommend using a wireless LAN as it may not operate correctly due to security issues or communication speed delays.

All IP devices on your network should use either IPv4 or IPv6, but not a mix of both. External servers such as NTP, DNS, or SMTP should be accessed by the same IP version as you set. This system does not work DHCPv6 server.

Network bandwidth requires from 320k to 8Mbps per IP unit.

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	RESTRICTIONS		mm	2 May, 2013
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## **FUNCTIONS**

Call-in from door, another master or room sub stations turns on the LCD monitor (timeout depending upon system setting).

Communication initiated by pressing the TALK button or by lifting the handset (timeout depending upon system setting).

Communication terminated by pressing the OFF button or by putting the handset on the hook.

Transmit LED (Red) lights while talking (in Hands free communication or pressing the TALK button in Press-to-talk (PTT) mode.).

Audible tone indication upon forced termination of communication

(ex. Due to the incoming of higher priority call or talk path taken by higher priorty call/communication). Inter-master calling with communication after call tone.

Inter-master calling and communication with PC master station (IP system).

Inter site calling and communication with a pilot station (IP system).

Adjust camera image enhancement by pressing the ADJUST button when the monitor displays the image.

Switch the image field of view by pressing the ZOOM/WIDE button when the door station video is displayed.

When in zoomed video mode, the image can be moved horizontally or vertically pressing the Pan & Tilt control button.

Monitor the selected sub station (Audio/video or audio-only, depending on sub station type) in the same site by pressing the MONITOR button. Monitoring timeout dependant upon system setting. Enable Scan-Monitoring for the preset door/room sub stations (max. 20) in the same site by pressing the MONITOR button with no selection, or pressing MONITOR again while monitoring.

## Priority Levels

Priority	User-assigned category	Function		
High Urgent		Talk/Paging/Chime/Call/Broadcast		
l IIIgii	Priority	Talk/Paging/Chime/Call		
.↓	Normal	Talk/Paging/Chime/Call		
Low		Monitor (or Scan-Monitor)		

Privacy Settings (Privacy 1/Privacy 2)

- Privacy 1: Microphone audio is muted to the calling Master station (direct voice call) until the called Master station replies.
- Privacy 2: A continuous call tone sounds on the calling Master stations until the called Master station replies.

Release the door lock by pressing the Door release button any time during receiving a call, monitoring, or communication (Door release timeout depending on system setting).

View received call and paging history by pressing the left( ) button (max. 20 items) or placed call and paging history by pressing the right (  $\blacktriangleright$  ) button (Max. 20 items).

- Displayable: (Received or placed) station and site (remote site names only) calls and/or pagings that are confirmed by the (called or calling) master station.
- Not displayable: Denied station calls, (received) chime or priority level of communication. Un-answered call indication by icon displayed on the received call history list.

Manual transfer of communication to another master station in the same site. Programmable Automatic/Absence call transfer is also available (Sub station call only).

Paging to other Masters, door and room sub stations, and external devices (PA amplifiers, etc.) connected to the PA output terminals of the IS-CCU/SCU/RCU.

Programmable zone paging to other master stations, door stations, room sub stations and PA outputs.

Individual (selective) direct voice call to master, door or room sub station in the same site. Zone chime from the master station by using internal sound source of the IS-CCU in the same site. Control for contact output from door or room sub station.

Audio output (600 ) from master station.

Display the SEARCH LIST for searching a station, zone or remote site by pressing the LIST button. You can search a station or zone in your site by number using the Dial keys.

You can select a station, zone, or remote site simply by pressing the corresponding Speed dial button.

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	FUNCTIONS		mm	1 September, 2011
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You can send e-mails to the designated mail addresses in the following events.

- When calling(\*)
- · When a calling is unsuccessful
- When a error occurs among units
- When the system starts up

Each of these events that has occurred in the previous 60 seconds is summarized and sent in an e-mail.

(\*)When there is a door call at an IP video door station, an e-mail will be sent with a snapshot (QVGA JPEG) at the station attached.

When both [CALL TRANSFER] and [SCHEDULE TRANSFER] are set, [SCHEDULE TRANSFER] takes priority.

Master stations LED & LCD monitor display list.

	LCD Monitor	Status LED	PRIVACY LED	TRANSFER LED *2	Transmit LED *3	Note
Initialize	OFF	Lighting Blinking(Red) *4	0FF	OFF	0FF	
Standby	0FF *5	0FF *6	0FF Set:Lit(Red)	OFF Set:Lit(Red)	OFF	
Error	ON *7 OFF	Blinking(Red) *16~21, OFF	_			
Initial setting	ON	0FF	OFF Set:Lit(Red)	OFF Set:Lit(Red)	0FF	
Door call (Normal)						
Door call (Priority) Door call	ON *8	Blinking(Red) *9	OFF Set:Lit(Red)	OFF Set:Lit(Red)	0FF	
(Urgent)						
Communication with door	ON *8	Lit(Red)	OFF *10 Set:Lit(Red) Mute:Icon on LCD	OFF Transfer:Icon on LCD     LED blinking(Red)     Set:Lit(Red)	Rx:OFF Tx:Lit(Red)	
Door monitoring	ON *8	Lit(Red)	OFF Set:Lit(Red)	OFF Set:Lit(Red)	OFF	
Room sub call (Normal)						
Room sub call (Priority)	ON	Blinking(Red) *9	OFF Set:Lit(Red)	OFF Set:Lit(Red)	0FF	
Room sub call (Urgent)						
Communication with Room sub	ON	Lit(Red)	OFF *10 Set:Lit(Red) Mute:Icon on LCD	OFF Transfer:Icon on LCD	Rx:OFF Tx:Lit(Red)	
Communication with another master station	ON	Lit(Red)	OFF *11 Set:Lit(Red) Mute:Icon on LCD	OFF Transfer:Icon on LCD     LED blinking(Red)     Set:Lit(Red)	Rx:OFF Tx:Lit(Red)	
Chime/Paging receive	ON *12	Lit(Red)	OFF Set:Lit(Red)	OFF Set:Lit(Red)	OFF	
Paging transmit	ON *1 Icon on LCD	Lit(Red)	OFF *11 Set:Lit(Red) Mute:Icon on LCD	OFF Set:Lit(Red)	Lit(Red)	
Communication time out	ON *13 Icon on LCD	Lit(Red)	OFF Set:Lit(Red) Mute:Icon on LCD	OFF Transfer:Icon on LCD Set:Lit(Red)	Rx:OFF Tx:Lit(Red)	10 seconds before
Processing	ON *14			_	OFF	
Call inoperative	ON *1 Icon on LCD	OFF	0FF Set:Lit(Red)	OFF Set:Lit(Red)	0FF	
Current talk path interrupted	ON *15 Icon on LCD	OFF	OFF Set:Lit(Red)	OFF Set:Lit(Red)	0FF	

Rx: When listening Tx: When talking UA: Unanswered call

<sup>\*2.</sup>Lit when the call transfer is set to ON and the destination is set. When the scheduled transfer is set to on, lit during transferring only.

DESCRIPTION	FIG. NAME		UNIT	DATE
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<sup>\*1.</sup> When all talk channels are occupied, Master station LCD displays the status.

- \*3. The transmit LED turns on when hands-free or PTT communication is made. It does not, however, turn on when the Handset is used for communication (unless communication is in PTT mode).
- \*4.-When the initialization failed, the blinking (Red) continues.
  - -When the required signal was not detected, blinking (Red) and transmission error indication by icon on LCD continues until state recovery.
  - The status returns to the standby mode after timeout, by replacing the Handset or by pressing the OFF button.
- \*5. The time is displayed on the LCD when inactive button in standby mode (with no display on the LCD) is pressed (ex. When the Door release button is pressed in the standby mode)
- \*6.Blinking (Red), when history of un-answered call(s) has(have) not been checked.
- 7. Error display appears on the LCD due to transmission error(s) between units
- \*8. With audio door station or room sub station: Screen notification display without entrance image.
- \*9.Blinking patterns are different.
- \*10.No Privacy setting during communication with Door station or Room sub station but microphone can be muted
- (Icon appears on LCD) during pressing PRIVACY button.
  \*11.-When PRIVACY mode is not set: Muted microphone indication by icon is displayed on the master station's LCD by pressing PRIVACY button while communicating
- -When Privacy mode is set: Privacy mode can not be disactivated even by pressing Privacy button while communicating.
- \*12.Displayed when receiving Paging or Chime tone.
  \*13.Advance notification by text, icon or screen display appears before communication or paging timeout.
- \*14.Advance notice by text, icon or screen display appears during data transmission processing.
  \*15.Lit when the current talk path is interrupted due to a higher priority call/communication of another station.
- \*16.When configuration file was not acquired from the host IP unit
- Blinkig continues. \*17.No supervisory
  - Blinking until state recovery.
- \*18.No REGISTER response from SIP server
- Blinking until state recovery.
- \*19.When not registered to SIP server.
- Blinking until state recovery.
- \*20.When the transmission error was not acknowledged within timeout
- The status returns to the standby mode after timeout, by replacing the Handset or by pressing the OFF button.

\*: Default setting

- \*21.No signal was detected from DHCP server (When DHCP is set to ON).
  - Blinking until state recovery.

#### SETTING

Screen brightness (1~10, Initial settings:6)

Receive volume (1~10 or OFF, Initial settings:6)

Call tone volume (1~10 or OFF, Initial settings:6)

Initial setting

# <Initial Settings>

Call tone settings

- Door call: Normal( 1\*/ 2/ 3/ 4/ 5/ 6)
- Door call: Priority( 1/ 2\*/ 3/ 4/ 5/ 6)
- Door call: Urgent( 1/ 2/ 3\*/ 4/ 5/ 6)
- Room sub call: Normal( 1/ 2/ 3/ 4\*/ 5/ 6)
- Room sub call: Priority( 1/ 2/ 3/ 4/ 5\*/ 6)
- Room sub call: Urgent( 1/ 2/ 3/ 4/ 5/ 6\*)

Communication method (Hands-free or PTT\*/ PTT only)

## Display setting

- Language(English\*/French/Spanish/Dutch/German/Italian/Japanese)
- Un-answered call(s) LCD display (ON/OFF\*)
- Display order(In order of Name or No.\*)

#### Speed dial settings

Speed dial settings(Station/Zone/Remote site)

## Call transfer settings

- Call transfer (ON/OFF\*)
- Call transfer destination (1 destination (master station) in the same site or 1 remote site)
- · Call transfer delay (00\* ~ 60 seconds)
- Schedule transfer (ON/OFF\*)
- Schedule transfer destination (1 destination(master station) in the same site or 1 remote site)
- Telephone transfer (ON/OFF\*) (IP system only)
- Schedule Tel transfer (ON/OFF\*) (IP system only)

#### Privacy settings

- Privacy mode (Privacy 1/Privacy 2/0FF\*)
- Privacy 2 call tone settings (1/2/3/4\*/5/6)

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	FUNCTIONS/SETTING		mm	1 September, 2011
MODEL NO.	FIG.NO.	PAGE	REVISION	AIRHANE
IS-IPMV	57307-7-11	7/11	1	AIPHONE

# SYSTEM SETTINGS

The following is the list of system settings you can make via the web browser.

The following list is a brief overview of the setting items available in the system settings on a PC. The descriptions, and the style and order of descriptions do not necessarily equate with the actual displays.

Network   Network   Setting   IP version   -	Title	Sub title	Item	Sub item	Setting range
Network setting	-	-	(Language)	-	
					Dutch/Italian/Japanese
Individual   Host unit   Paddress   Address (available when   Host unit   Paddress   Paddress   Paddress   Prof.   P	Network	Network	IP version	-	IPv4/IPv6
address (available when [Host unit setting] is set to "Client unit")  System name (available when [Host unit setting] is set to "Host unit")  (Select the network setting method.)  Static IP Address (required when [Static IP Address] is selected)  Subnet Mask (required when [Static IP Address] is selected)  Subnet Mask (required when [Static IP Address] is selected)  Default Gateway  Default Gateway  Primary DNS Server  Primary DNS Server  Address  Secondary DNS [Pv4] 0.7 255 (for each field)  IPv6] 0::1 7 ffff:ffff:ffff:ffff:ffff:ffff:ffff	setting	setting:	Host unit setting		
System name		Individual		Host unit IP	(Enter the Host unit IP address.)
setting] is set to  "Client unit")  System name (available when [Host unit") (Select the network setting method.)  Static IP Address (required when [Static IP Address] is selected)  Subnet Mask (required when [Static IP Address] is selected)  Default Gateway  Default Gateway  Primary DNS Server  IPv4 0 ? 255 (for each field) IPv6 0::1 ? ffff:ffff:ffff:ffff: ffff:ffff:ffff:f				`	
System name					
System name (available when (Host unit setting) is set to "Host unit") (Select the network setting method.)   Static IP Address (required when (Static IP Address) is selected)   Subnet Mask (required when (Static IP Address) is selected)   Default Gateway   IPv4   0 ? 255 (for each field)   IPv6   O::1 ? ffff:ffff:ffff: ffff:				J 0.	
(available when [Host unit setting] is set to "Host unit")   (Select the network setting method.)   Static IP Address   IPv6   Stateless Address Autoconfiguration/Static IP Address   IPv6   O ? 255 (for each field)   IPv6   O ? 255 (for each				,	
Host unit setting			1 '	-	Up to 24 alphanumeric characters
Setting			l ,		
"Host unit"   (Select the network setting method.)			1.		
Select the network setting method.)   Static IP Address   IPV6   Stateless Address IPV4   0 ? 255 (for each field)   IPV6   IP					
Network setting method.)   Static IP Address   Static IP Address   Static IP Address   Static IP Address   (required when   Static IP Address)   IPvd   0 2 255 (for each field)   IPv6   Static IP Address   IPvd   0 7 255 (for each field)   IPv6   Static IP Address   IPvd   0 7 255 (for each field)   IPv6   Static IP Address   IPvd   0 7 255 (for each field)   IPv6   Static IP Address   IPvd   0 7 255 (for each field)   IPv6   Static IP Address   IPvd   0 7 255 (for each field)   IPv6   Static IP Address   IPvd   0 7 255 (for each field)   IPv6   Static IP Address   IPv4   0 7 255 (for each field)   IPv6   Static IP Address   IPv4   0 7 255 (for each field)   IPv6   Static IP Address				_	IPv4 DHCP/Static IP Address
method.)   Static IP Address   Static IP Address   IPv4   0 ? 255 (for each field)   IPv6   Static IP Address   IPv4   0 ? 255 (for each field)   IPv6   Static IP Address   IPv4   0 ? 255 (for each field)   IPv6   Static IP Address   IPv4   0 ? 255 (for each field)   IPv6   IPv6			1 '		
Static IP Address					-
				Static IP Address	
Subnet Mask				(required when	
Subnet Mask (required when [Static IP Address] is selected)				[Static IP Address]	ffff:ffff:ffff:
				is selected)	
Static IP Address   is selected   Default Gateway   IPv4   0 ? 255 (for each field   IPv6   0::1 ? ffff:ffff:ffff:ffff: ffff: ffff				Subnet Mask	
Selected   Default Gateway				\	IPv6 (Unmodifiable)
Default Gateway					
Primary DNS Server					ID 4 0 0 055 (f
Primary DNS Server				Default Gateway	
Network setting:   Common   Global IP address (available when [UPnP] is set OFF)   Connection port: global   Multicast address   IPv4   239.0.0.0 - 239.255.255.255   IPv6   IP					
Secondary DNS   IPv4   0 ? 255 (for each field)				Primary DNS Server	
Secondary DNS   IPv4   0 ? 255 (for each field)   IPv6   0::1 ? ffff:ffff:ffff:ffff:ffff:ffff:ffff					
Network setting:   Common   Global IP address   IPv4   Unmodifiable   IPv4   Unmodifiable   IPv4   Unmodifiable   IPv4   Unmodifiable   IPv6   Unmodifia				Canada III DNC	
MAC address   -   (Unmodifiable)				· ·	
MAC address - (Unmodifiable) Unit name - Up to 24 alphanumeric characters Web port - 443 (Unmodifiable) Connection port - IPv4 1024 - 65535 IPv6 5060 (Unmodifiable) Connection Password Up to 16 alphanumeric characters  Network Setting: Common Global IP address - IPv4 0N/OFF Setting: Common Global IP address - IPv4 0 ? 255 (for each field) IPv6 (Unmodifiable)  Connection port: - (Unmodifiable)  Wilticast address - IPv4 239.0.0.0 - 239.255.255.255 I - 5 1, 2 IPv6 ff12::0 ? ff12:ffff:ffff (The first 4 digits must be "ff12".)				Server	
Unit name			MAC address	-	
Web port					
Connection port   -			-	-	
Connection Password   Up to 16 alphanumeric characters				-	IPv4 1024 - 65535
Network setting:					,
setting: Common  Global IP address - IPv4 0 ? 255 (for each field)  [UPnP] is set OFF)  Connection port: global  Multicast address - IPv4 239.0.0.0 - 239.255.255.255  1 - 5 1, 2  IPv6 (Unmodifiable)  [Unmodifiable)					
Common  Global IP address - IPv4 0 ? 255 (for each field)  [UPnP] is set OFF)  Connection port: global  Multicast address - IPv4 239.0.0.0 - 239.255.255.255  1 - 5 1, 2 IPv6 ff12::0 ? ff12:ffff:ffff (The first 4 digits must be "ff12".)		I	UPnP	-	
(available when [UPnP] is set OFF)IPv6(Unmodifiable)Connection port: global-(Unmodifiable)Multicast address 1 - 5 1, 2-IPv4239.0.0.0 - 239.255.255.255.255IPv6ff12::0 ? ff12:ffff:ffff ffff:ffff:fffff (The first 4 digits must be "ff12".)		"			,
[UPNP] is set OFF)  Connection port: global  Multicast address 1 - 5 1, 2  IPv6   ff12::0 ? ff12:ffff:ffff   fff1:ffff:ffff   fff12::0   ff12::0   ff12::0		Common		-	
Connection port:			(		IPV6   (Unmodifiable)
Multicast address   IPv4   239.0.0.0 - 239.255.255.255     1 - 5				_	(Upmodifiable)
Multicast address - IPv4 239.0.0.0 - 239.255.255.255  1 - 5 1, 2 IPv6 ff12::0 ? ff12:ffff:ffff: ffff:ffffffffffffffffff				_	(onmourrable)
ffff:ffff:ffff:ffff:ffff (The first 4 digits must be "ff12".)			Multicast address	-	
(The first 4 digits must be "ff12".)			1 - 5 1, 2		
"ff12".)					
					`
			Audio/video port	-	1024 - 65535

- "Multicast address 3" is not available.
   [Multicast address] may not be used depending on devices.

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	SYSTEM SETTINGS		mm	2 May, 2013
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	T				
Title	Sub title	Item		Sub item	Setting range
Administrator	-	New	-		Up to 16 alphanumeric characters
setting		administrator ID			
		Current Password	-		Up to 16 alphanumeric characters
		New Password	-		Up to 16 alphanumeric characters
		New Password	-		Up to 16 alphanumeric characters
		(Re-type)			
IP unit search	-	-	-		-
System setting	Area/Site	Area/Site Name	-		Up to 24 alphanumeric characters
3	registration				(for up to 99 areas including sites)
	- og.ot.at.o				* Up to 31 for sites
		Area/Site	_		Area/Site
		IP Address	-		IPv4 0 ? 255 (for each field)
		(sites only)	_		IPv6 0::1? ffff:ffff:ffff:
		(Sites only)			
		Port number	_		
			-		1024 - 00000
		(sites only)			
		Connection Password	-		Up to 16 alphanumeric characters
		(sites only)			
		Door release	-		ON/OFF
		(sites only)			
	Zone	Zone name	-		Up to 24 alphanumeric characters
	registration				(for up to 99 zones)
	IP unit	Station type	-		IP control unit, IP video door
	registration				station, IP master station,
					PC master station
		MAC address	-		-
		Unit name	-		Up to 24 alphanumeric characters
		Port number	-		1024 - 65535
	Registering	Area	_		(Area) 01 to 99
	stations	Station number	_		001 to 999
	014110110				0001 to 9999
					00001 to 99999
		Station name	-		Up to 24 alphanumeric characters
		Station type	_		(Unmodifiable)
	Advanced	Video door station		Call	Normal/Priority/Urgent
		video door station	l p sic		Normal/Priority/orgent
	station		<u> </u>	priority	(0.1
	settings		Called stations	Called	(Set up to 20 targets from the
				stations	registered ones.)
				Transmit	
					(ON:approx. +6dB up)
				at PTT	
			<u> </u>		0 (wide)/1/2/3/4/5/6/7/8/9 (zoom)
			0ther	image preset	
			0	Call	ON/OFF
				acknowledge	
				tone on/off	
				Backlight	Exposure +/Exposure -
				adjustment	
		Master station		ons to be	(Select up to 20 sub stations from
			scan	monitored	the registered ones.)
				Master station	ON/OFF
				function:	
			0ther	paging, chime, monitor, door	
			0,	release, and	
				remote site	
	<u> </u>	<u> </u>		call	
	Zone setting	Zone number	-		(Select from the registered ones.)
		Stations	-		(Select from the list.)

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	SYSTEM SETTINGS		mm	2 May, 2013
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Set current time	Title	Sub title	Item	Sub item	Setting range
Setting		Jub title			<u> </u>
Name		_	Set Current time	wandar setting	
Hour: 0 to 59	Setting				
Normal   N					•
NTP   Synchronized with   PC   NTP   Synchronized with   NTP   Synch					
NTP					
NTP					Second: 0 to 59
NTP   NTP server   3   IP address or domain name   NTP perver				•	-
NTP server   NTP server   NTP server   NTP server   3   1- 85835			NTD		ON/OFF
NTP server 3			NIF		ON/ OF F
NTP port number 3   1 - 65635					15 11
A					
Hour difference   3					
A				,	-12 to +13 (h)
Minute difference   3   Symchronize interval   1 to 240 (h)					-45/-30/0/+30/+45 (m)
Part				,	107 00707 1007 110 (111)
Daylight savings time					
Transfer schedule   Registering daily transfer schedule setting   Transfer schedule setting   Transfer schedule   Schedule and set schedule setting   Transfer schedule   Transfer sched					
Page					
Part			time	` —	` ,
Month				Day (Week)	
Month				한 (Day)	Sunday to Saturday
Month				Hour (Hour)	0 to 23 (h)
Transfer schedule   Registering setting   Schedule number   Schedule name				(Minute)	0 to 59 (m)
Transfer   Registering   Schedule number   Schedule name   Schedule   Sched					JAN to DEC (M)
From the current day to 1 year ahead   Call transfer schedule				Day (Week)	1st to 4th(W)/The last
From the current day to 1 year ahead   Call transfer schedule				1 1	
Normal/Priority   10 to 59 (m)   Hour difference   4 0 to 12 (h)   Hour difference   4 0 to 12 (h)   Minute   0 to 20   Minute   0 to 23   Minute: 0 to 59   (Set to the Start time and End time individually.)   Schedule start date   From the current day to 1 year ahead   Schedule end date   From the start day to 1 year ahead   Schedule end date   From the start day to 1 year ahead   None/DTI/DT2 (for each day of the week)   Daily transfer   Schedule   Call transfer time   Hour: 0 to 23   Minute: 0 to 59   (Set to the Start time and End time individually.)   Timer setting   Call transfer time   Hour: 0 to 23   Minute: 0 to 59   (Set to the Start time and End time individually.)   Timer setting   Call transfer time   Hour: 0 to 23   Minute: 0 to 59   (Set to the Start time and End time individually.)   Timer setting				0 - 7	
Transfer schedule  Transfer schedule  Registering daily transfer schedule  Schedule and date from the current day to 1 year ahead (Transfer schedule)  Transfer schedule  Transfer sched					
Transfer schedule				Hour difference 4	. ,
Transfer schedule   Call transfer time   Call tra				Minute difference	
Setting daily transfer schedule      Call transfer time   Call transfer	<b>-</b>				DT4 /DT0
Schedule  Call transfer time  Communication  Commun					-
Transfer schedule setting  Weekly schedule Schedule setting  Weekly schedule Schedule setting  Transfer schedule setting  Weekly schedule Schedule start date From the current day to 1 year ahead Schedule end date From the start day to 1 year ahead None/DT1/DT2 (for each day of the week)  Individual schedule (Date) From the current day to 1 year ahead Schedule (Select from the registered ones.)  Timer setting  Timer setting  Call Normal/Priority Hour: 0 to 23 Minute: 0 to 59 (Set to the Start time and End time individually.)  Timer setting  Communication  In Local (Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone (Not available) (Not used for network direct system)	setting	1		-	
Transfer schedule setting  Weekly schedule setting  Weekly schedule setting  Weekly schedule setting  Transfer schedule setting  Individual schedule  Indivi		schedule	Call transfer time	-	
Transfer schedule setting    Transfer schedule setting					
Transfer schedule setting    Weekly schedule   Schedule start date   From the current day to 1 year ahead   Schedule end date   From the start day to 1 year ahead   Schedule end date   From the start day to 1 year ahead   (Transfer schedule)   None/DT1/DT2 (for each day of the week)					
Schedule start date   Schedule start date   From the current day to 1 year ahead   Schedule end date   From the start day to 1 year ahead   (Transfer schedule)   None/DT1/DT2 (for each day of the week)    Individual schedule   (Date)   From the current day to 1 year ahead   Daily transfer   (Select from the registered ones.)    Call transfer time   Hour: 0 to 23   Minute: 0 to 59   (Set to the Start time and End time individually.)    Timer setting   Call   Normal/Priority   10 to 600 (sec.), 0 (Unlimited)    Vurgent   Communication   In Local   30 to 600 (sec.)    (Not available)   (Not used for network direct system)    Via IP   30 to 600 (sec.)    Telephone   30 to 600 (sec.)    (Not used for network direct system)    (Not used for network direct system)					, ,
Schedule end date From the start day to 1 year ahead (Transfer schedule) None/DT1/DT2 (for each day of the week)  Individual schedule (Date) From the current day to 1 year ahead Daily transfer (Select from the registered ones.)  Schedule Call transfer time Hour: 0 to 23 Minute: 0 to 59 (Set to the Start time and End time individually.)  Timer setting - Call Normal/Priority 10 to 600 (sec.), 0 (Unlimited)  Communication In Local 30 to 600 (sec.) (Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.) Telephone 30 to 600 (sec.) (Not used for network direct system) (Not available) (Not used for network direct system)			Weekly schedule		·
Call   Normal/Priority   Timer setting   Call   Normal/Priority   Timer setting   Communication   Communication   Communication   Call transfer schedule   Communication   Communication   Call transfer time   Normal/Priority   Communication   Communication   Call transfer time   Normal/Priority   Communication   Com					
Individual schedule    Date   From the current day to 1 year ahead		setting			
Individual schedule  Date)  Prom the current day to 1 year ahead  Daily transfer (Select from the registered ones.)  Schedule  Call transfer time Hour: 0 to 23  Minute: 0 to 59 (Set to the Start time and End time individually.)  Timer setting  Call  Normal/Priority /Urgent  Communication  In Local (Not available)  Via IP  30 to 600 (sec.)  Telephone (Not available) (Not used for network direct system)  Via used for network direct system)  Via used for network direct system)				(Transfer schedule)	` ,
Daily transfer schedule  Call transfer time Hour: 0 to 23 Minute: 0 to 59 (Set to the Start time and End time individually.)  Timer setting  - Call Normal/Priority 10 to 600 (sec.), 0 (Unlimited) /Urgent  Communication In Local 30 to 600 (sec.) (Not available) (Not used for network direct system) Via IP 30 to 600 (sec.) Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)					week)
schedule  Call transfer time Hour: 0 to 23  Minute: 0 to 59 (Set to the Start time and End time individually.)  Timer setting  - Call Normal/Priority 10 to 600 (sec.), 0 (Unlimited)  /Urgent  Communication In Local 30 to 600 (sec.) (Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)			Individual schedule	(Date)	From the current day to 1 year ahead
Call transfer time Hour: 0 to 23 Minute: 0 to 59 (Set to the Start time and End time individually.)  Timer setting  - Call Normal/Priority 10 to 600 (sec.), 0 (Unlimited) /Urgent  Communication In Local 30 to 600 (sec.) (Not available) (Not used for network direct system) Via IP 30 to 600 (sec.) Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)				Daily transfer	(Select from the registered ones.)
Timer setting  Call  Normal/Priority   10 to 600 (sec.), 0 (Unlimited)  Vurgent  Communication  In Local (Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)  (Not available) (Not used for network direct system)				schedule	
Timer setting  - Call Normal/Priority 10 to 600 (sec.), 0 (Unlimited)  Communication In Local (Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)  (Not available) (Not used for network direct system)				Call transfer time	Hour: 0 to 23
Timer setting  - Call Normal/Priority 10 to 600 (sec.), 0 (Unlimited)  Communication In Local (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.)  (Not available) (Not used for network direct system)  (Not available) (Not used for network direct system)					Minute: 0 to 59
Call					(Set to the Start time and End time
/Urgent  Communication In Local 30 to 600 (sec.) (Not available) (Not used for network direct system) Via IP 30 to 600 (sec.) Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)					individually.)
Communication In Local 30 to 600 (sec.)  (Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.)  (Not available) (Not used for network direct system)	Timer setting	-	Call	•	10 to 600 (sec.), 0 (Unlimited)
(Not available) (Not used for network direct system)  Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)			Communication		20 to 600 (222 )
Via IP 30 to 600 (sec.)  Telephone 30 to 600 (sec.)  (Not available) (Not used for network direct system)			communication		` '
Telephone 30 to 600 (sec.) (Not available) (Not used for network direct system)					
(Not available) (Not used for network direct system)					` /
				· ·	` '
Paging   -   30 to 600 (sec.)				(Not available)	
			Paging	-	30 to 600 (sec.)

- 3.Available only when [Synchronized with NTP server] is set to ON. 4.Available only when [Daylight savings time] is set to ON.

DESCRIPTION	FIG. NAME		UNIT	DATE
COLOR MONITOR IP MASTER STATION	SYSTEM SETTINGS		mm	2 May, 2013
MODEL NO.	FIG.NO.	PAGE	REVISION	AIRHANE
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Title	Sub title	Item	Sub item	Setting range
Timer setting	-	Monitor	-	10 to 600 (sec.)
		Scan monitor:	-	5 to 60 (sec.)
		Switching		
		Contact output	External sound	10 to 300 (sec.)
		(Not available)	source 1	
			External sound source 2	10 to 300 (sec.)
		Door release	-	O to 300 (sec.), (O: Released while holding the Door release button pressed.)
Remote site pilot call setting	-	Remote site master call	Normal/Priority/ Urgent	(Select one from the registered stations in your site for each of "Normal", "Priority" and "Urgent".)
Setting		Remote site door call	Normal/Priority/ Urgent	(Select up to 20 stations from the registered master stations in your site for each of "Normal", "Priority" and "Urgent".)
		Remote site room sub call(available when the remote site is a standard (IP) system that includes room sub stations	Normal/Priority/ Urgent	(Select up to 20 stations from the registered master stations in your site for each of "Normal", "Priority" and "Urgent".)
		(IS-RS).) Remote site paging	Normal/Priority/ Urgent/Broadcast	(Select one from the registered zones in your site for each of "Normal", "Priority", "Urgent" and "Broadcast".)
Video setting	-	Frame Rate	-	1/2/5/7.5/10/15 (fps)
		Quality	-	Low, Middle, High, Excellent
E-mail setting	-	Email destination address	1/2/3	Up to 256 alphanumeric characters
		Email source address	-	Up to 256 alphanumeric characters
		SMTP	SMTP server	Up to 256 alphanumeric characters
		authentication	SMTP server port	1 - 65535
			(Email) login ID	Up to 256 alphanumeric characters
			Password	Up to 64 alphanumeric characters
		Mailing event	Call: Normal	ON/OFF
			Call: Priority	ON/OFF
			Call: Urgent	ON/OFF
			System start	ON/OFF
			Data communication	ON/OFF
			error in the system	
Updating the system	-	-	-	-
Downloading setting data	-	-	-	-
Uploading	-	-	-	-
setting data				

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COLOR MONITOR IP MASTER STATION	SYSTEM SETTINGS		mm	2 May, 2013
DESCRIPTION	FIG. NAME		UNIT	DATE