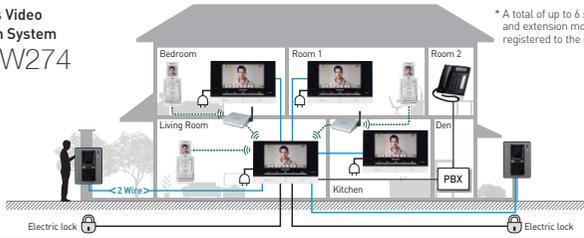


Wireless Video Intercom System VL-SW274



* A total of up to 6 sub monitors and extension monitors can be registered to the main monitor.

System Units

Main/Extension Monitor VL-MW274
Up to 3*
(not including the main monitor)

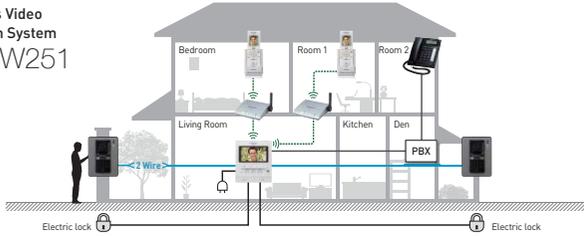
Wireless Monitor Station VL-W617
Up to 6*

Door Station VL-V522L
Up to 2

Repeater for Wireless Monitor VL-FAN2
Up to 2

Panasonic PBX
Please consult your dealer when connecting with a PBX.
This image shows the KX-NS500.

Wireless Video Intercom System VL-SW251



System Units

Main Monitor Station VL-MW251
Up to 4

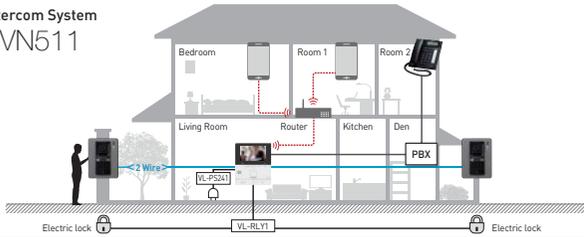
Wireless Monitor Station VL-W605
Up to 4

Door Station VL-V522L
Up to 2

Repeater for Wireless Monitor VL-FAN2
Up to 2

Panasonic PBX
Please consult your dealer when connecting with a PBX.
This image shows the KX-NS500.

Video Intercom System VL-SVN511



System Units

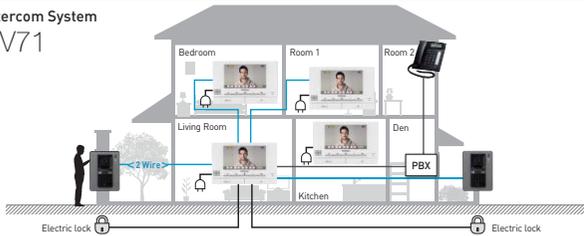
Main Monitor Station VL-MVN511
Up to 2

Door Station VL-V522L
Up to 2

Mobile Devices
Up to 4

Panasonic PBX
This image shows the KX-NS500.
Please consult your dealer when connecting with a PBX.

Video Intercom System VL-SV71



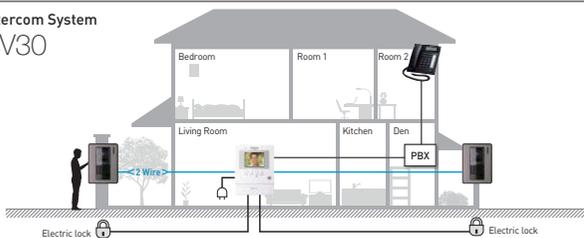
System Units

Main/Extension Monitor VL-MV71
Up to 3
(not including the main monitor)

Door Station VL-V522L
Up to 2

Panasonic PBX
Please consult your dealer when connecting with a PBX.
This image shows the KX-NS500.

Video Intercom System VL-SV30



System Units

Main Monitor Station VL-MV30
Up to 2

Door Station VL-V566
Up to 2

Panasonic PBX
Please consult your dealer when connecting with a PBX.
This image shows the KX-NS500.

Panasonic

VIDEO INTERCOM SYSTEM
LINE-UP CATALOGUE



02-429-6466



vrsecutech



@vrsecutech



www.secutech.co.th

Why Panasonic?

We are making every effort to research and develop state-of-the-art technology, production process technology, and quality innovation. We will provide new products that will contribute to value improvement for customers by proposing solutions. Innovative products are created together with the customer.

Diverse Product Line-up

Panasonic offers various Video Intercom System models to flexibly suit the size of your house and your lifestyle.



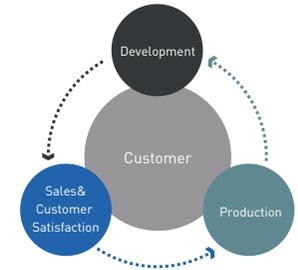
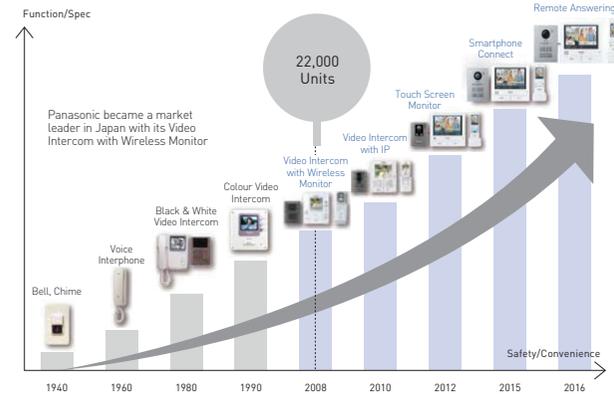
Stylish Design and Rich Features



- Wireless**
- Wide angle & PTZ**
- Picture recording**
- Voice changer**
- User-friendly & multilingual UI**
- PBX compatible**
- Easy installation (non polar, 2-wire)**

History

Proud to be the No. 1 market share holder in Japan



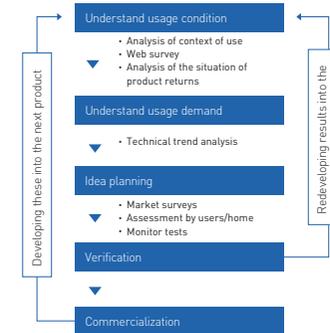
We grasp customer needs, plan products, and then proceed to develop them. Safe, reliable products are manufactured under strict quality control. In addition, customer service and products that truly fit customer needs, earning us high acclaim in world markets.

Dedicated to the Customer Centric Policy

Everything we do is for our customers



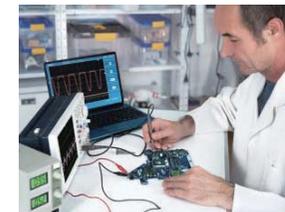
We precisely grasp customer needs by asking for opinions, and then we create ideas in response. Our passion for developing truly great products helps to bring shape to these ideas.



Customer opinions are sought both before and after our products are launched, in an effort to offer the best possible products. Monitor testing is also conducted at the prototype stage. If assessments do not meet expectations, further improvements are made.

High Quality Products

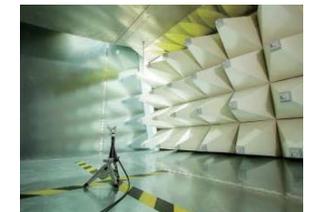
Low failure rates



Numerous safety test items



High-reliability tests



Photos are for illustrative purposes only.

Product Lineup

Expandable
2.4 GHz Wireless Series
VL-SW274



1 x Main Monitor: VL-MW274
1 x Door Station: VL-V522L
1 x Wireless Sub Monitor: VL-W617

2.4 GHz Wireless Series
VL-SW251



1 x Main Monitor: VL-MW251
1 x Door Station: VL-V522L
1 x Wireless Sub Monitor: VL-W605

Smartphone
Connect Series
VL-SVN511



1 x Main Monitor: VL-MVN511
1 x Door Station: VL-V522L

Expandable Series
VL-SV71



1 x Main Monitor: VL-MV71
1 x Door Station: VL-V522L

Entry Series
VL-SV30



1 x Main Monitor: VL-MV30
1 x Door Station: VL-V566

Comparison Chart

Model Number		VL-SW274	VL-SW251	VL-SVN511	VL-SV71	VL-SV30	
Maximum Connectable Units	Door Station (Doorphone)	2	2	2	2	2	
	Main Monitor / Extension Monitor	1 / 3	1 / —	1 / —	1 / 3	1 / —	
	Wireless Sub Monitor	6 (2.4 GHz)	4 (2.4 GHz)	—	—	—	
	Smartphone, Tablet	—	—	● (4)*1	—	—	
Recording	Video / Picture Recording	— / ●	— / ●	— / ●	— / ●	— / ●	
	Connectable Devices	Electric Lock Release (Door Opener)	● (2)*2	● (2)*2	● (2)*2	● (2)*2	● (2)*2
		Panasonic PBX	●	●	●	●	●
Repeater		● (2)	● (2)	—	—	—	
Others	Night Vision (LED Light)	●	●	●	●	● (Infrared LEDs)	
	Touch Panel / Pan & Tilt	— / ●	— / —	— / ●	— / ●	— / —	
	Viewing Angle	H: 87° V: 66°	H: 87° V: 66°	H: 87° V: 66°	H: 87° V: 66°	H: 87° V: 66°	
	Intercom Call	●	●	—	●	—	
	Voice Changer	●	●	●	●	—	

*1 The main monitor must be on the same home wireless network as a smartphone/tablet (with the dedicated app installed).
*2 When connecting 2, an optional Door Station is required.

Compatibility of Main Monitor, Wireless Monitor and Door Station

Please contact your nearest Panasonic dealer for sales information.

○= Connectable ●= Connectable (same as packaged combination) x = Not connectable

Main Monitor (Package No.)	Extension Monitor		Wireless Sub Monitor			Door Station				Lobby Station				
	Power source	Display size	VL-W617 1.8-inch	[2.4 GHz]		VL-S54/ VL-V54U 1.0 M pixels	VL-V555 0.3 M pixels	Door Station		IP VN1500 1.3 M pixels	Lobby Station			
				VL-W605 1.8-inch	VL-FAN2 Repeater			[*1] VL-V522L 0.3 M pixels	[*1, *2] VL-V566 0.3 M pixels		[*1, *2, *3] VL-V591 0.3 M pixels	Analogue VL-V900 1.0 M pixels	IP VL-VN1900 2.0 M pixels	
VL-MW274 (VL-SW274)	AC	7-inch WVGA colour	○ up to 3 [*4] VL-MW274	● up to 6 [*4]	x	○ up to 2	○	○	●	x	○	○	x	
VL-MW251 (VL-SW251)	AC	5-inch WQVGA colour	x	x	● up to 4	○ up to 2	x	x	●	○	x	○	○	x
VL-MVN511 (VL-SVN511)	VL-PS240	5-inch WQVGA colour	x	smartphone connect model			○	○	●	○	x	○	○	x
VL-MV71 (VL-SV71)	AC	7-inch WVGA colour	○ up to 3 VL-MV71	x	x	○	○	○	●	x	x	○	○	x
VL-MV30 (VL-SV30)	AC	3.5-inch colour	x	x	x	x	x	x	●	x	x	○	x	x
VL-MV26	VL-PS240	3.5-inch QVGA colour	x	x	x	x	x	x	x	x	x	x	○	x
VL-MN1000	PoE or VL-PS240[*5]	7-inch WVGA colour /Touch Screen	○ up to 5 VL-MN1000	x	x	x	x	x	x	○	x	x	x	○

* 1 Wide/zoom settings and zoom position settings are not available.
* 2 Doorphone LED light illumination settings and backlight compensation settings are not available.
* 3 Outside monitoring using the doorphone is not available.
* 4 A total of up to 6 sub monitors and extension monitors can be registered to the main monitor.
* 5 Power Supply Unit (VL-PS240) is sold separately.

Expandable 2.4 GHz Wireless Series

Wireless Video Intercom System VL-SW274



*1 Easy installation by simply replacing existing doorbell unit Nonpolar 2-wire system.
*2 A total of up to 6 sub monitors and extension monitors can be registered to the main monitor.

Highly Expandable

Up to 6 additional monitors can be connected to the main monitor using a combination of 7-inch wired monitors and 1.8-inch wireless monitors (However, the maximum possible number of 7-inch wired monitors is 3). In addition, PBX connectivity is also supported.



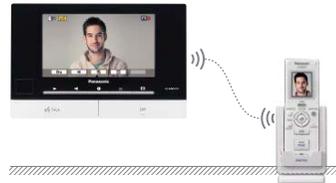
7-inch Screen

The main monitor and extension monitor have a 7-inch wide screen that offers easy viewing of wide vertical and horizontal views.



Wireless Handset (2.4 GHz)

Check visitors and respond promptly from everywhere in the home and even while you are doing something else, by wireless handset.



Other Features

- Electric Lock Release Support : AC30 V-1 A / DC24 V-1 A
- Picture Recording (Up to 50 visitors (up to 8 still images per visitor))
- Night Vision (white coloured LED lights)
- Voice Changer
- Intercom Call (between the main monitor, sub monitor and extension monitor)

Options

Door Station (Doorphone) VL-V522L (Surface mount) Up to 2	Door Station (Doorphone) VL-V554 (CMOS 1.0 M pixels) VL-V555 (CMOS 0.3 M pixels) Up to 2	Extension Monitor VL-MW274 Up to 3	Wireless Monitor Station (Sub Monitor) VL-W617 Up to 6	Repeater for Wireless Monitor VL-FAN2 Up to 2 Up to 20 main monitors can be connected.	Lobby Station VL-V591 Up to 20 main monitors can be connected.	PBX Connectable PBX Model Numbers KX-TDA30/100/100D/200/600 series KX-TDE100/200/600 series KX-NS300/500/700/1000 series Please consult your dealer when connecting with a PBX.
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2.4 GHz Wireless Series

Wireless Video Intercom System VL-SW251



* Easy installation by simply replacing existing doorbell unit Nonpolar 2-wire system.

Wireless Handset (2.4 GHz)

Check visitors and respond promptly from everywhere in the home and even while you are doing something else, by wireless handset.



Picture Recording (8 Consecutive recorded images each)

Eight consecutive still images of visitors are automatically recorded. (Up to 50 times, 400 images in total) This ensures that you will see every person visiting your home. Images can also be displayed frame-by-frame.



Night Vision (LED Light)

Door Station is equipped with LED lights (illumination lamp). It enables the colour display of visitors at a distance of about 50 cm at night.



Other Features

- Electric Lock Release Support : AC30 V-1 A / DC24 V-1 A (Door Opener)
- Voice Changer
- Intercom Call (between main monitor and sub monitor)

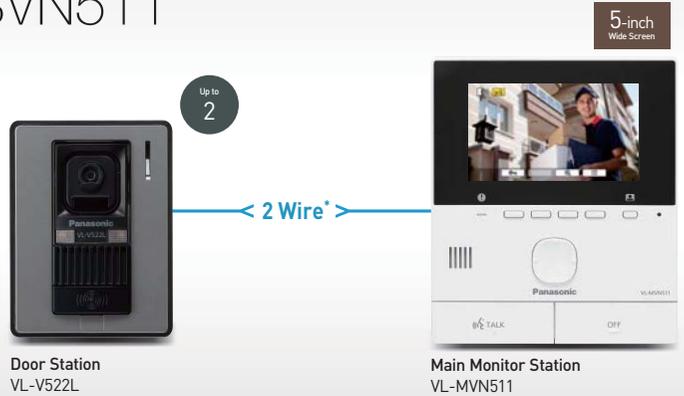
Options

Door Station (Doorphone) VL-V522L Up to 2	Wireless Monitor Station (Sub Monitor) VL-W605 Up to 4	Repeater for Wireless Monitor VL-FAN2 Up to 2	Lobby Station VL-V591 Up to 20 main monitors can be connected.	PBX This image shows the KX-NS500.	Connectable PBX Model Numbers KX-TDA30/100/100D/200/600 series KX-TDE100/200/600 series KX-NS300/500/700/1000 series Please consult your dealer when connecting with a PBX.
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Smartphone Connect Series

Video Intercom System

VL-SVN511



* Easy installation by simply replacing existing doorbell unit Nonpolar 2-wire system.

Smartphone Connect^{*1}

You can use your smartphone or tablet as a sub monitor to respond to visitors and unlock electric locks no matter where you are in the home. You can also monitor doorphone images when you want to check the door entrance.



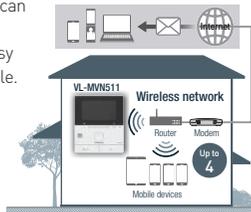
Answer Visitors and Unlock the Electric Locks



Monitoring

Wireless Network Connection

In addition to smartphones/tablets, the main monitor can also wirelessly connect to the wireless router for easy connections without a cable.



E-mail Notification^{*2}

The main monitor can send e-mail with a time stamp and image of visitors to e-mail addresses registered in advance, enabling you to check who has visited when you are outside the house (even when you are overseas).



Other Features

- Supports iOS and Android™ (free application)*
 - iPhone 5 and later, iPad (iOS 7.0 or later)
 - Android smartphones and tablets (Android 4.0 or later)
- Electric Lock Release Support: VL-RLY1 (12 V AC/DC, less than 1 A)
- Picture Recording (Up to 50 visitors (up to 8 still images per visitor))
- Night Vision (white coloured LED lights)
- Voice Changer

* Some mobile devices may not be compatible.
* For the latest information about the app and compatible devices, visit the following website.



<http://panasonic.net/pcc/support/intercom/smartphone/>

Options

Door Station (Doorphone) VL-V555 (Surface mount) CMOS 0.3 M pixels Up to 2	Door Station (Doorphone) VL-V554 (Surface mount) CMOS 1.0 M pixels Up to 2	Door Station (Doorphone) VL-V522L (Surface mount) Up to 2	Lobby Station VL-V591 Up to 20 main monitors can be connected.
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PBX



This image shows the KX-NS500.

Connectable PBX Model Numbers

KX-TDA30/100/100D/200/600 series
KX-TDE100/200/600 series
KX-NS300/500/700/1000 series

Please consult your dealer when connecting with a PBX.

Expandable Series

Video Intercom System

VL-SV71



* Easy installation by simply replacing existing doorbell unit Nonpolar 2-wire system.

Highly Expandable

Up to 3 additional 7-inch monitors can be connected to the main monitor. In addition, PBX connectivity is also supported.



Up to 3

7-inch Screen

The main monitor and extension monitor have a 7-inch wide screen that offers easy viewing of wide vertical and horizontal views.



Picture Recording

(8 Consecutive recorded images each)

Eight consecutive still images of visitors are automatically recorded. (Up to 50 times, 400 images in total) This ensures that you will see every person visiting your home. Images can also be displayed frame-by-frame.



Other Features

- Electric Lock Release Support : AC30 V-1 A / DC24 V-1 A
- Night Vision (white coloured LED lights)
- Voice Changer
- Intercom Call (between the main monitor and extension monitor)

Options

Door Station (Doorphone) VL-V522L (Surface mount) Up to 2	Door Station (Doorphone) VL-V554 (CMOS 1.0 M pixels) VL-V555 (CMOS 0.3 M pixels) Up to 2	Extension Monitor VL-MV71 Up to 3	Lobby Station VL-V591 Up to 20 main monitors can be connected.
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PBX

KX-TDA30/100/100D/200/600 series
KX-TDE100/200/600 series
KX-NS300/500/700/1000 series



This image shows the KX-NS500.

Please consult your dealer when connecting with a PBX.

*1 The main monitor must be on the same home wireless network as a smartphone/tablet (with the dedicated app installed). It is also necessary to run the dedicated app in order to receive visitor's calls on a smartphone/tablet.
*2 To use this function, a main monitor with e-mail sender information registered must be connected to the internet. E-mail may not be able to be sent, depending on the condition of the network.

Entry Series

Video Intercom System

VL-SV30



Door Station
VL-V566



Main Monitor Station
VL-MV30

Up to 2

< 2 Wire* >

3.5-inch
Wide Screen

* Easy installation by simply replacing existing doorbell unit Nonpolar 2-wire system.

3.5-inch colour TFT LCD

This monitor features a 3.5-inch wide LCD. As the monitor, it lets you clearly identify visitors.



Night Vision (IR-LEDs)

You can check visitors even when it's dark outside.



* The actual colour displayed on the monitor may change depending on how dark it is outside.

Other Features

- Electric Lock Release Support (Door Opener)

Picture Recording

Up to 30 visitor images are automatically recorded and saved. You can check them when you return home.



Options

Door Station (Doorphone)
VL-V566

Up to 2



Lobby Station
VL-V591



Up to 20 main monitors can be connected.

PBX



This image shows the KX-NS500.

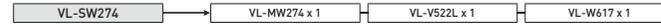
Connectable PBX Model Numbers

KX-TDA30/100/100D/200/600 series
KX-TDE100/200/600 series
KX-NS300/500/700/1000 series

Please consult your dealer when connecting with a PBX.

VL-SW274

Model Composition



Model number and name	VL-MW274	VL-V522L	VL-W617	
	Main Monitor Station (Main monitor) Extension Monitor	Door Station (Doorphone)	Wireless Monitor Station (Sub monitor)	
			Main body	Charger
Dimensions (Unit: mm)	Up to 3" ¹ (not including the main monitor) 	Up to 2" ² 	Up to 6" ¹ 	
Power source	220-240 V AC, 50/60 Hz	Supplied by the main monitor	Ni-MH battery (3.6 V DC / 650 mAh)	AC adaptor (100-240 V AC, 50/60 Hz) Output: 6.5 V DC, 0.5 A
Power consumption	Standby: Approx. 1.9 W During operation: Approx. 10 W	—	—	Standby: Approx. 0.07 W (when the sub monitor is not placed in the charger) During charging: Approx. 1.8 W
Dimensions (H x W x D) (Excluding protruding sections)	158 x 243 x 29.5 mm	131 x 99 x 36.5 mm	157 x 52 x 35 mm	115 x 76 x 90 mm 105 x 76 x 48 mm (using without the stand)
Weight	825 g ²	200 g	175 g (including the battery)	115 g (including the stand)
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 % (tested up to -20 °C)	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Display	7-inch wide colour / WVGA (800x480 pixels)	—	1.8-inch colour display	—
Display language	English, Arabic	—	Depends on main monitor	—
Talking method	Hands-free	Hands-free	Hands-free	—
Frequency range	2.402 GHz to 2.481 GHz	—	2.402 GHz to 2.481 GHz	—
Transmitting range	—	—	Approx. 100 m (line-of-sight distance from the main monitor)	—
Viewing angle	—	Horizontally: Approx. 87° Vertically: Approx. 66°	—	—
Image sensor / camera (pixel)	—	CMOS sensor (Approx. 0.3 M pixels)	—	—
Minimum illuminance required	—	1 lx (within approx. 50 cm from the camera lens)	—	—
Lighting method	—	Warm white coloured LED lights, Infrared LEDs	—	—
IP rating / IK rating	—	IPX3 ³	—	—
Installation method	Wall mount (mounting bracket supplied)	Surface mount (mounting base supplied)	—	—
External material	Flame retardant PC-ABS resin, Flame retardant ABS resin	Flame retardant ABS resin	ABS resin	ABS resin

VL-SW251

Model Composition



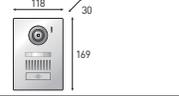
Model number and name	VL-MW251	VL-V522L	VL-W605	
	Main Monitor Station (Main monitor)	Door Station (Doorphone)	Wireless Monitor Station (Sub monitor)	
			Main body	Charger
Dimensions (Unit: mm)		Up to 2" ² 	Up to 4" ¹ 	
Power source	100-240 V AC, 50/60 Hz	Supplied by the main monitor	Ni-MH battery (3.6 V DC / 650 mAh)	AC adaptor (Product No. POLV219) Output: 6.5 V DC, 0.5 A
Power consumption	Standby: Approx. 1.8 W During operation: Approx. 12 W	—	—	—
Dimensions (H x W x D) (Excluding protruding sections)	190 x 165 x 38 mm	131 x 99 x 36.5 mm	157 x 52 x 35 mm	115 x 76 x 90 mm 105 x 76 x 48 mm (using without the stand)
Weight	785 g ²	200 g	175 g (including the battery)	115 g (including the stand)
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 % (tested up to -20 °C)	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Display	5-inch wide colour display / WVGA (600x272 pixels)	—	1.8-inch colour display	—
Display language	English	—	Depends on main monitor	—
Talking method	Hands-free	Hands-free	Hands-free	—
Frequency range	2.402 GHz to 2.481 GHz	—	2.402 GHz to 2.481 GHz	—
Viewing angle	—	Horizontally: Approx. 87° Vertically: Approx. 66°	—	—
Image sensor / camera (pixel)	—	CMOS sensor (Approx. 0.3 M pixels)	—	—
Minimum illuminance required	—	1 lx (within approx. 50 cm from the camera lens)	—	—
Lighting method	—	Warm white coloured LED lights, Infrared LEDs	—	—
IP rating / IK rating	—	IPX3 ³	—	—
Installation method	Wall mount (mounting bracket supplied)	Surface mount (mounting base supplied)	—	—
External material	Flame retardant ABS resin	Flame retardant ABS resin	ABS resin	ABS resin

¹ When sub monitors and extension monitors are used together, a total of up to 6 sub monitors and extension monitors can be registered.

² Including AC cord. The weight of the AC cord differs depending on the region.

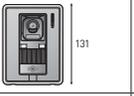
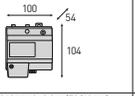
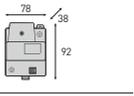
³ Water resistance is only assured if the doorphone is installed correctly according to the instructions in the Installation Guide, and appropriate water protection measures are taken.

Options

Model number and name	VL-FAN2	VL-V555
Dimensions (Unit: mm)	Optional Repeater for Wireless Monitor 	Optional Door Station (Doorphone) 
Power source	AC adaptor (100-240 V AC, 50/60Hz) Output: 6.5 V DC, 0.5 A	Supplied by the main monitor
Current consumption	Standby: Approx. 0.05 A During operation: Approx. 0.08 A	—
Dimensions (H x W x D) (Excluding protruding sections)	27 x 101 x 82 mm 69.5 x 101 x 82 mm (when raising the antenna)	169 x 118 x 30 mm
Weight	85 g	395 g
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 % (tested up to -20 °C)
Frequency range	2.402 GHz to 2.481 GHz	—
Transmitting range	Approx. 100 m (line-of-sight distance from the main monitor)	—
Viewing angle	—	Horizontally: Approx. 170° Vertically: Approx. 130°
Image sensor / camera (pixel)	—	CMOS sensor (Approx. 0.3 M pixels)
Installation method	—	Surface mount (mounting base supplied) or Flush mount (flush mounting box sold separately)
External material	PS resin	Aluminium and flame retardant PC+PS resin

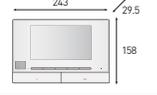
VL-SVN511

Model Composition

Model number and name	VL-MVN511	VL-V522L	VL-PS241	VL-RLY1
Dimensions (Unit: mm)	Main Monitor Station (Main monitor) 	Door Station (Doorphone) 	Power Supply Unit 	Relay Box 
Power source	Power supply unit (VL-PS241) 24 V DC, 0.5 A	Supplied by the main monitor	Input: 220-240 V AC, 0.2 A (50/60 Hz) Output: 24 V DC, 0.6 A	Supplied by the main monitor
Power consumption	Standby: Approx. 1.8 W During operation: Approx. 10 W	—	—	—
Dimensions (H x W x D) (Excluding protruding sections)	186 x 161 x 23.5 mm	131 x 99 x 36.5 mm	104 x 100 x 54 mm	92 x 78 x 38 mm
Weight	485 g	200 g	215 g	130 g
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 % (tested up to -20 °C)	Ambient temperature: Approx. 0 °C to +50 °C Relative humidity (non-condensing): up to 90 % (indoor use only)	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Display	5-inch wide colour / WVGA (480x272 pixels)	—	—	—
Display language	English, Arabic	—	—	—
Talking method	Hands-free	Hands-free	—	—
Wireless transmission method	IEEE 802.11 b/g/n 2.4 GHz	—	—	—
Viewing angle	—	Horizontally: Approx. 87° Vertically: Approx. 66°	—	—
Image sensor / camera (pixel)	—	CMOS sensor (Approx. 0.3 M pixels)	—	—
Minimum illuminance required	—	1 lx (within approx. 50 cm from the camera lens)	—	—
Lighting method	—	Warm white coloured LED lights, Infrared LEDs	—	—
IP rating / IK rating	—	IPX3	—	—
Installation method	Wall mount (mounting bracket supplied)	Surface mount (mounting base supplied)	Wall mount or attach to DIN rail	Wall mount or attach to DIN rail
External material	Flame retardant ABS and PS resin	Flame retardant ABS resin	Flame retardant PC+ABS resin	Flame retardant ABS resin

VL-SV71

Model Composition

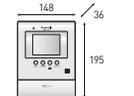
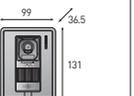
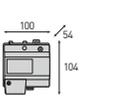
Model number and name	VL-MV71	VL-V522L
Dimensions (Unit: mm)	Main Monitor Station (Main monitor) Extension Monitor 	Door Station (Doorphone) 
Power source	220-240 V AC, 50/60 Hz	Supplied by the main monitor
Power consumption	Standby: Approx. 2.0 W During operation: Approx. 10.5 W	—
Dimensions (H x W x D) (Excluding protruding sections)	158 x 243 x 29.5 mm	131 x 99 x 36.5 mm
Weight	825 g ²	200 g
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 % (tested up to -20 °C)
Display	7-inch wide colour / WVA (800x480 pixels)	—
Display language	English, Arabic	—
Talking method	Hands-free	Hands-free
Viewing angle	—	Horizontally: Approx. 87° Vertically: Approx. 66°
Image sensor / camera (pixel)	—	CMOS sensor (Approx. 0.3 M pixels)
Minimum illuminance required	—	1 lx (within approx. 50 cm from the camera lens)
Lighting method	—	Warm white coloured LED lights, Infrared LEDs
IP rating / IK rating	—	IPX3 ¹
Installation method	Wall mount (mounting bracket supplied)	Surface mount (mounting base supplied)
External material	Flame retardant ABS resin	Flame retardant ABS resin

¹ Water resistance is only assured if the doorphone is installed correctly according to the instructions in the Installation Guide, and appropriate water protection measures are taken.

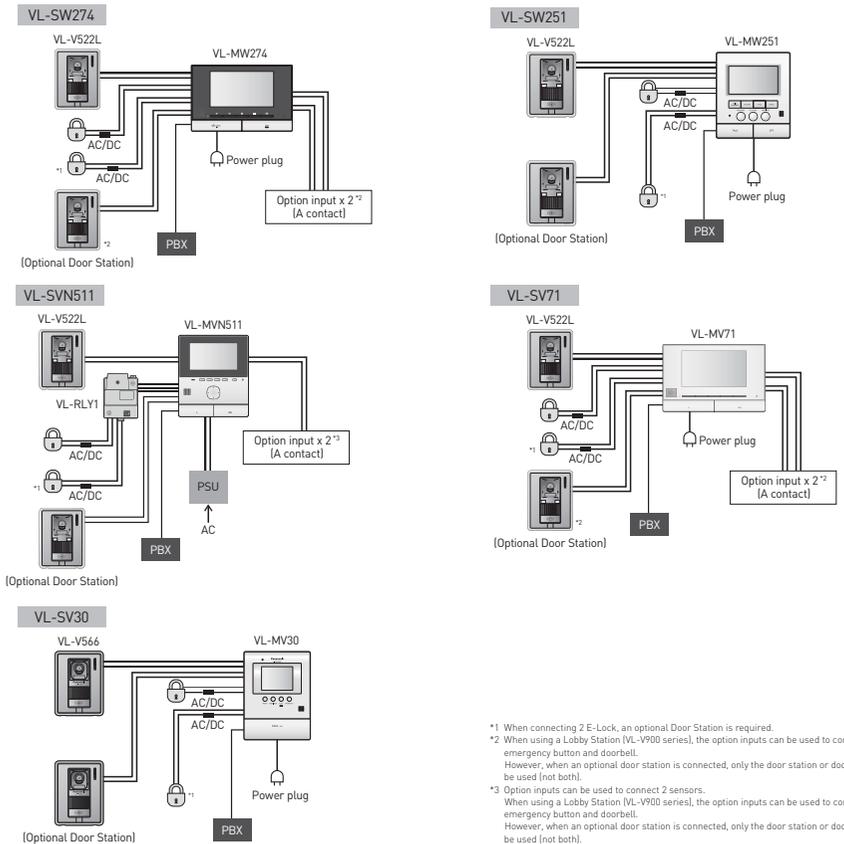
² Including AC cord. The weight of the AC cord differs depending on the region.

VL-SV30

Model Composition

Model number and name	VL-MV30	VL-V566	VL-V591	VL-PS241
Dimensions (Unit: mm)	Main Monitor Station (Main monitor) 	Door Station (Doorphone) 	Optional Lobby Station 	Power Supply Unit 
Power source	100 - 240 V AC, 50/60 Hz	Supplied by the Main Monitor Station	Power supply unit (VL-PS241)	Input: 220-240 V AC, 0.2 A (50/60 Hz) Output: 24 V DC, 0.6 A
Current consumption	Standby: Approx. 0.04 A During operation: Approx. 0.22 A	—	Standby: Approx. 0.02 A During operation: Approx. 0.03 A	—
Dimensions (H x W x D) (Excluding protruding sections)	195 x 148 x 36 mm	131 x 99 x 36.5 mm	358 x 180 x 17.3 mm (Excluding sections embedded into the wall)	104 x 100 x 54 mm
Weight	550 g	200 g	2.0 kg	215 g
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -10 °C to +50 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -10 °C to +50 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +50 °C Relative humidity (non-condensing): up to 90 % (indoor use only)
Display	3.5-inch colour display	—	—	—
Talking method	Hands-free	—	Hands-free	—
Viewing angle	—	Horizontally: Approx. 87° Vertically: Approx. 66°	Horizontally: Approx. 87° Vertically: Approx. 66°	—
Image sensor/camera (pixel)	—	CMOS sensor (Approx. 0.3 M pixels)	CMOS sensor (Approx. 0.3 M pixels)	—
Minimum illuminance required	—	1 lx (within approx. 50cm from the camera lens)	—	—
Lighting method	—	Infrared LEDs	—	—
Installation method	Wall mount (mounting bracket supplied)	Surface mount (mounting base supplied)	Flush mount (flush mounting box supplied)	Wall mount or attach to DIN rail
External material	Flame retardant ABS resin	Flame retardant ABS resin	Stainless steel and flame retardant ABS resin	Flame retardant PC+ABS resin

Comparison of the wiring



¹ When connecting 2 E-Lock, an optional Door Station is required.

² When using a Lobby Station (VL-V900 series), the option inputs can be used to connect an emergency button and doorbell. However, when an optional door station is connected, only the door station or doorbell can be used (not both).

³ Option inputs can be used to connect 2 sensors.

When using a Lobby Station (VL-V900 series), the option inputs can be used to connect an emergency button and doorbell. However, when an optional door station is connected, only the door station or doorbell can be used (not both).



IP Video Intercom System for Apartment Complexes

One Panasonic Solution

Greater peace of mind with interconnected Panasonic IP products



IP Camera / Network Camera

Monitoring



Operation Specification

- Codec Format: H.264 (Fixed)
- Image Resolution: 720p (1280x720 pixels) or less
- Frame Rate: 20 fps or less

Recommended Models*

- E-series, i-PRO series

SIP Phone

Communication



Recommended Model-No.*

- KX-HDV430 (Video and Audio)
- KX-HDV230 (Audio)
- KX-HDV130 (Audio)

NVR

Recording



Operation Specification

- Codec Format: H.264 (Fixed)
- Image Resolution: 720p (1280x720 pixels)
WVGA (800x480 pixels)
D1 (704x576 pixels)
- Frame Rate: 3/25/30 fps

Recommended Models*

- E-series

* Consult your certified Panasonic dealer for more information.
For the latest compatible IP cameras and SIP Phones, visit <http://panasonic.net/pcc/support/intercom/>.



Lobby Station

VL-VN1900

Pure IP lobby station with a colour LCD monitor and wide-angle camera. Elegant design and durable structure with a metallic panel.



Room Monitor

VL-MN1000

Pure IP room monitor with 7-inch wide LCD and touch screen.

Main Features

- **3.5-inch colour LCD monitor** (320x240 pixels)
 - Displays the resident's name
 - On-screen user guidance
- **Wide angle camera**
 - Wide view of 120 degrees (horizontal), 72 degrees (vertical)
 - Mechanical adjustment (up to +/- 15 degrees vertically)
 - 2.0 M pixels provide a clear image
- **E-lock unlocking function**
 - Unlock the public door by using an IC card (Built-in MIFARE® RFID)
 - Unlock the public door by using a PIN code for each residence

Other Features

- Strong and elegant exterior with an aluminium panel
- IP55, compliant with IK07
- Phonebook (Room-No., Resident's names)
- Theft detection buzzer

Main Features

- **7-inch wide LCD with capacitive touch screen**
 - Provides a clear image on the wide screen
 - Accurate and smooth operation via a capacitive touch screen
- **IP camera monitor**
 - Monitors various areas using a Panasonic Network Camera (Supported devices: Panasonic i-PRO series, E-series)
- **Standard PoE is supported**
 - Power can be supplied via Ethernet cable (PoE)
 - Power Supply Unit also available (VL-PS240 is sold separately)

Other Features

- Video messages from the Lobby Station: up to most recent 50
- Manual recording (videos): up to most recent 50
- Auto/manual recording (still images): up to most recent 100
- E-lock unlocking (both individual and public doors)
- 5 sensor inputs (emergency/urgency button and other sensors) and 1 door bell input



Door Station

VL-VN1500

Pure IP door station with a wide-angle camera and RFID reader. Simple and sleek design.

Main Features

- **Wide-angle camera**
 - Wide view of 113° degrees (horizontal), 69° degrees (vertical)
 - 1.3 M pixels provide a clear image
- **E-lock unlocking function**
 - Unlock the individual doors by using an IC card (Built-in MIFARE RFID)
 - * Relay box is required when connecting an E-lock to the door station. (VL-RLY1 is sold separately)
- **Standard PoE is supported**
 - Power can be supplied via Ethernet cable (PoE)
 - Power Supply Unit also available (VL-PS240 is sold separately)

Other Features

- Night vision with white coloured LED lights
- Theft detection buzzer



Control Box

VL-VN1700

Up to 2000 devices* are supported.
Panasonic SIP Phone is available in the system.
* Includes setup tool for mass configuration of 2000 devices

Main Features

- **Embedded SIP server**
 - Supports 2000 SIP devices (Lobby Station, Door Station, Room Monitor and Panasonic SIP Phone)
- **Voice mail**
 - Voice mails can be issued by the SIP Phone to each room or grouped rooms

Other Features

- E-mail notification*
 - Even if the guard is out, voice mails from residents to the guard station (SIP Phone) can be forwarded via e-mail, enabling quick access to important voice mail

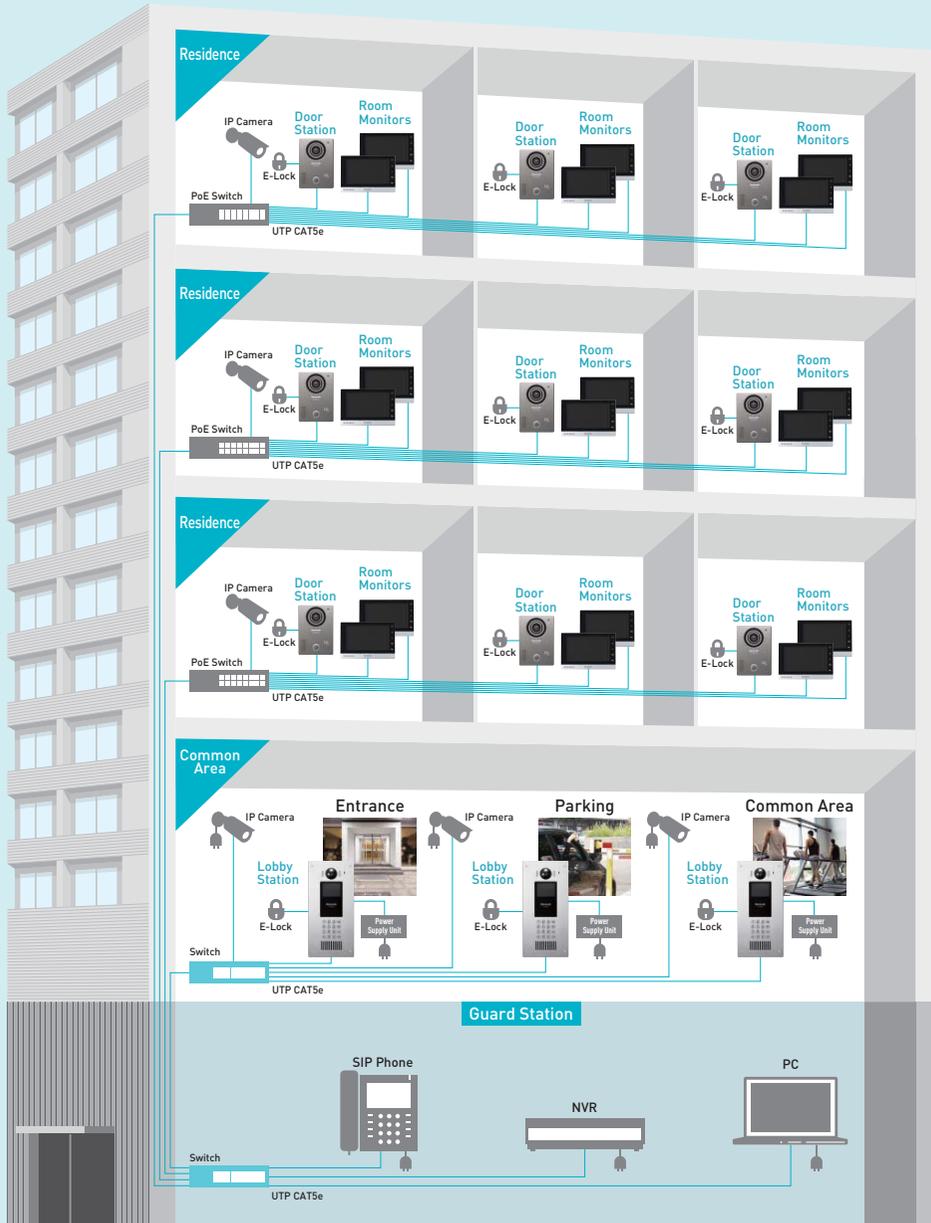
* External mail server and an internet connection are required.

System Diagram of the Apartment System

Support up to 200 devices on a system without a Control Box

FUNCTION

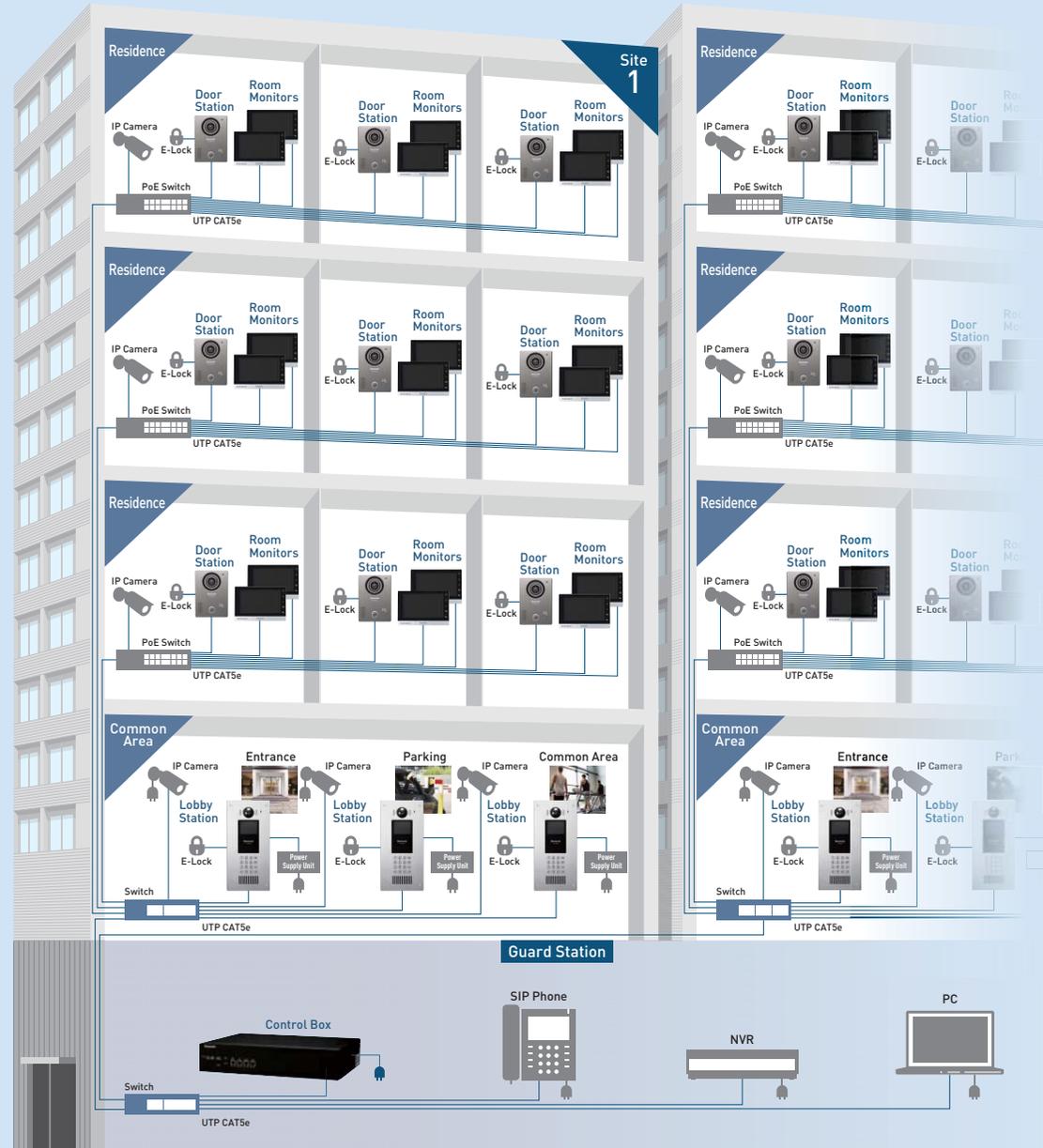
- 200 SIP devices are supported
- Multiple sessions are supported
- Send text mail from control room to all monitors
- Easy setup by PC tool



Support up to 2,000 devices on a system with a Control Box

FUNCTION

- 2,000 SIP devices are supported
- Multiple sessions are supported
- E-mail notification
- Send voice mail from control room to all monitors
- Easy setup by PC tool



Panasonic

VL-V900

Analogue Video Intercom System for Apartment Complexes



Lobby Station

VL-V900

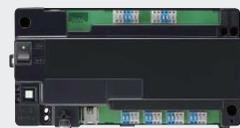
Doorphone for the public entrance of housing complexes. Destination display, calling, conversation, electric lock

Features

- Guidance (simple usage for visitors)
- Wide angle camera : Horizontally: approx. 170°
Vertically: approx. 115°
- Heat sensor: The backlight of the display and buttons are turned on when a visitor is detected.
- 4.3-inch LCD / white backlit LCD
- Blue / Amber LED backlit buttons
- White coloured LED lights for night colour vision
- Unlock with PIN-code
- Room number and name registration
- Room owner name display

Connectable devices

- Security camera
- Electric lock
- Access controller



Control Box

VL-V700

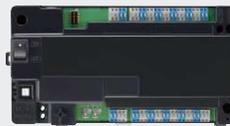
Device for controlling the entire system

Features

- Easy setup (Room number registration)
- Easy connection check (Check connections between the control box and main monitor of each room)
- Real time monitoring
- Log (SD card recording)
- Text log: More than 90,000 items (date, caller, receiver, operation, status)
- Image log: Up to 90,000 images (overwrite save) (visitors call)

Connectable devices

- PBX
- PC (for program settings)
- Monitor (for real time monitoring)



Distribution Box

VL-V701

Functions as a distribution box or repeater. The function can be switched with a DIP switch.

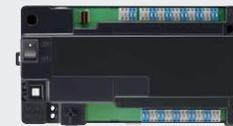
Role as a distribution box

A distribution box for connecting the control box with the main monitor of each room.

Role as a repeater box

A repeater box for amplifying the signal when the control box and main monitor are far away from each other.

Only one can be connected between the control box and distribution box #10.



Lift Controller

VL-V702

Controlling the destination of lifts
Controlling the destination (floor) of visitors by linking with the lift and lift control box.

Supported control methods

- 1:1 control (Relay signalling)
- Binary control

* The supported control method depends on the specifications of the lift and lift control box. Contact the lift manufacturer for details.



Extension Box

VL-V703

Device for extending the lobby stations and control boxes.

Features

- Extend lobby stations / control boxes
- Up to 6 lobby stations
- Up to 4 control boxes

Main Monitor Line Up

	VL-MW274/VL-MV71	VL-MW251	VL-MV511	VL-MV26
Power source	220-240 V AC (50/60 Hz)	100-240 V AC (50/60 Hz)	Power supply unit [VL-PS240] 24 V DC, 0.5 A	Power supply unit [VL-PS240] 24 V DC, 0.5 A
Power consumption	Standby: VL-MW274: Approx. 1.9 W VL-MV71: Approx. 2.0 W During operation: VL-MW274: Approx. 10.0 W VL-MV71: Approx. 10.5 W	Approx. 1.8 W	Approx. 1.8 W	Approx. 1.2 W
Dimensions (H x W x D) (Excluding protruding sections)	158 x 243 x 29.5 mm	190 x 165 x 38 mm	186 x 161 x 23.5 mm	169 x 129 x 29 mm
Weight	825 g*	785 g*	485 g	330 g
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C, Relative humidity (non-condensing): up to 90 %			
Display	7-inch wide colour / WVGA (800x480 pixels)	5-inch wide colour / WVGA (480x272 pixels)	5-inch wide colour / WVGA (480x272 pixels)	3.5-inch colour / QVGA (320x240 pixels)
Display language	English, Arabic	English	English, Arabic	English
Frequency range	2.402 GHz to 2.481 GHz (VL-MW274 only)	2.402 GHz to 2.481 GHz	IEEE 802.11 b/g/n 2.4 GHz	-
Installation method	Wall mount (mounting bracket supplied)			
External material	VL-MW274: Flame retardant PC+ABS resin, VL-MV71: Flame retardant ABS resin	Flame retardant ABS resin	Flame retardant ABS and PS resin	Flame retardant ABS resin
Supported functions	<ul style="list-style-type: none"> Door station Door bell Electric lock release support Picture recording Voice changer Pan, Tilt, Zoom Wireless monitor Extension monitor Repeater Smartphone connect E-mail notification Intercom call 			
Other functions	<ul style="list-style-type: none"> Guard call Monitor security camera Emergency call 	<ul style="list-style-type: none"> Guard call Monitor security camera 	<ul style="list-style-type: none"> Guard call Monitor security camera Emergency call 	<ul style="list-style-type: none"> Guard call⁴⁾ Monitor security camera Emergency call⁴⁾

*1 Including AC cord. The weight of the AC cord differs depending on the region.

*2 VL-RLY1 is required.

*3 The VL-MV71 is not support wireless monitors.

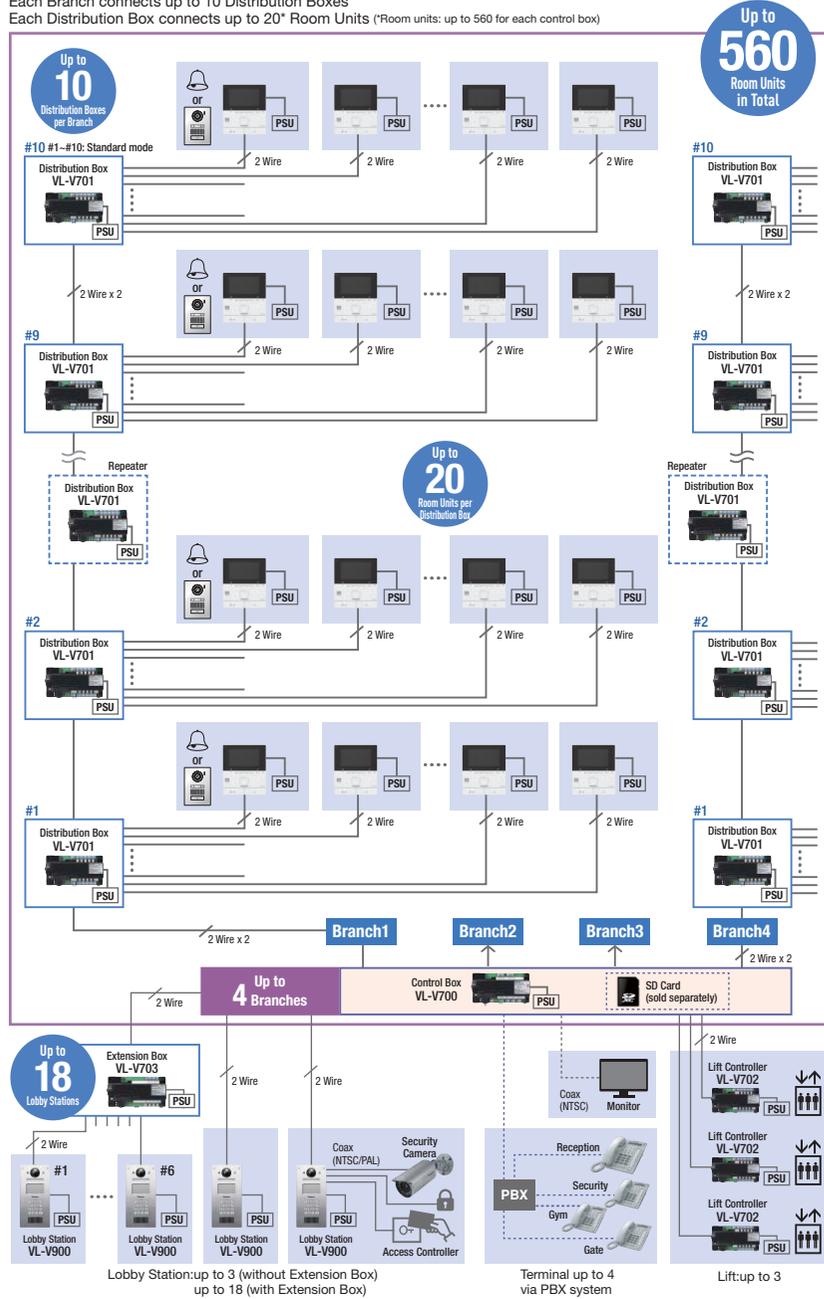
*4 Up to 6 additional monitors (Extension monitor/Wireless sub monitor³⁾) can be connected. [*up to 3 of extension monitors]

*5 The main monitor must be connected to a wireless router that is connected to the Internet in order to use email feature.

*6 Either one can be connected.

Basic System

Each Branch connects up to 10 Distribution Boxes
Each Distribution Box connects up to 20* Room Units (*Room units: up to 560 for each control box)

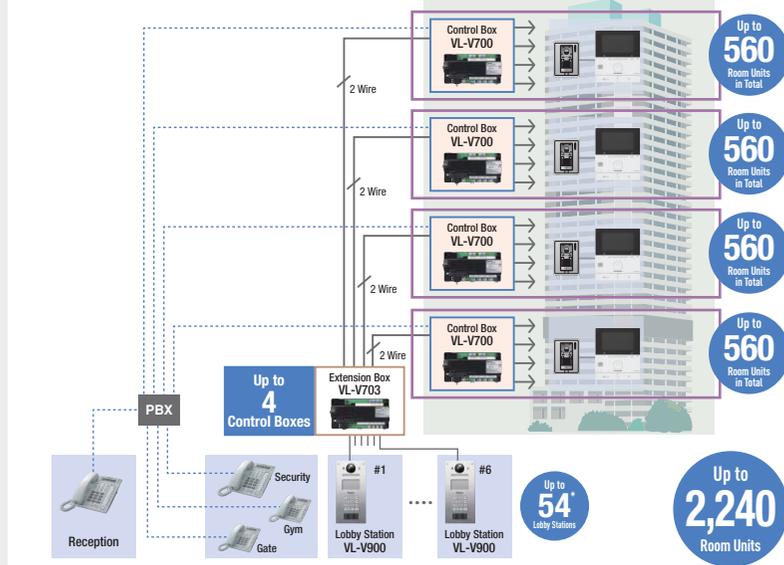


• Extension Boxes do not operate as repeaters that allow longer distances between the Control Box and Lobby Stations.
• Lobby Stations (VL-V900) connected to Extension Boxes (VL-V703) cannot be called from the main monitors or terminals.

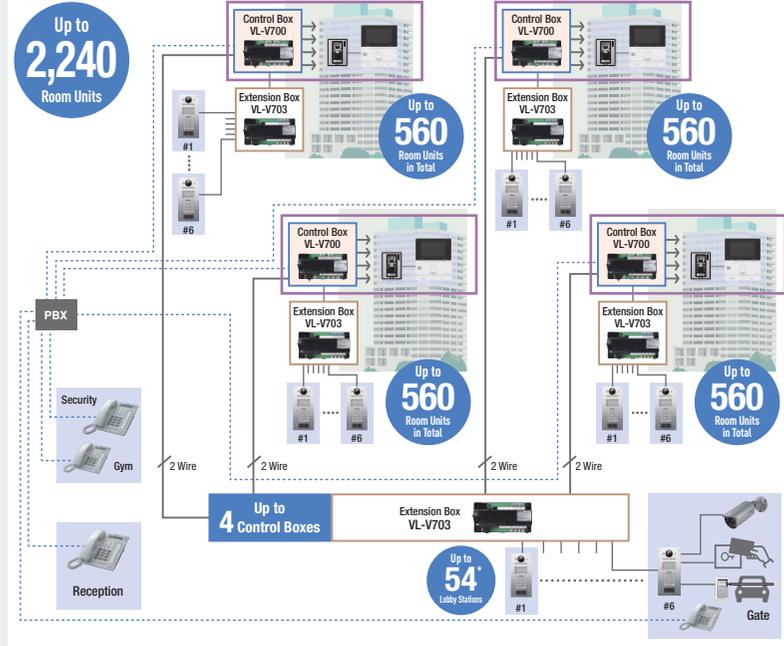
Wiring Distance *Use PE (polyethylene)-insulated cables.

Wiring run	Wire diameter		Wiring run	Wire diameter	
	0.65 mm (22 AWG)	1.2 mm (17 AWG)		0.65 mm (22 AWG)	1.2 mm (17 AWG)
Control Box - (Extension Box) - Lobby Station	100 m	200 m	Control Box - Distribution Box (Repeater Mode)	100 m	200 m
Control Box - The farthest Distribution Box (Standard Mode)	100 m	200 m	Distribution Box (Repeater Mode) - The farthest Distribution Box (Standard Mode)	100 m	200 m
Distribution Box (Standard Mode) - Main Monitor	100 m	200 m	Control Box - The farthest Lift Controller	100 m	200 m

Expanded System for Large scale building

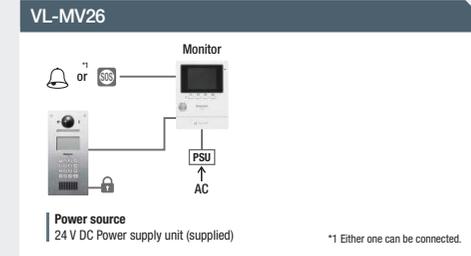
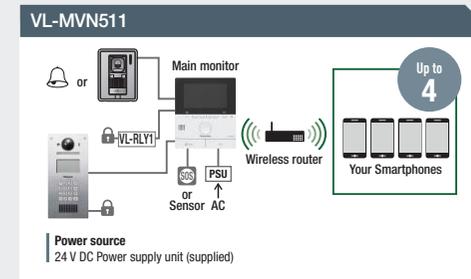
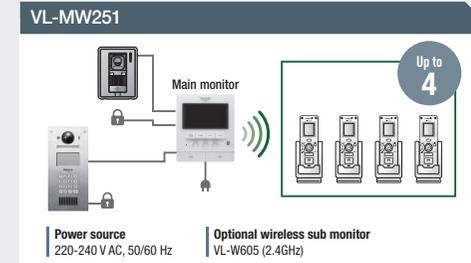
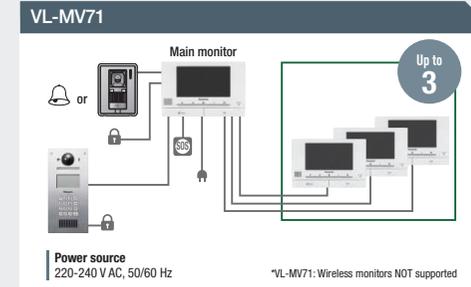
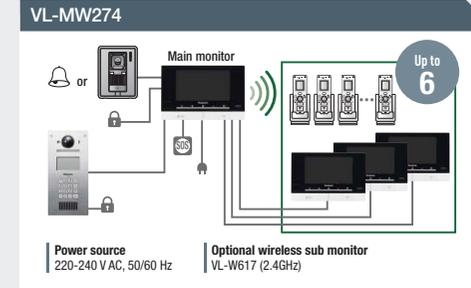


Expanded System for Multi building



*There are usage restrictions when connecting more than 19 Lobby Stations. Consult your certified Panasonic dealer for more information.

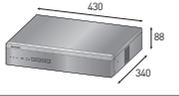
Monitor Lineup



- Power Supply Unit (VL-PS240/PS241)
- Emergency Button
- Door Bell
- E-Lock

VL-VN1900 series (IP Video Intercom System for Apartment Complexes)

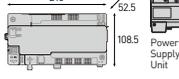
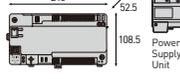
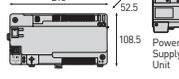
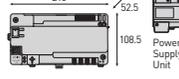
Model number and name	VL-VN1900	
	Lobby Station	Power Supply Unit [VL-PS240]
Dimensions (Unit: mm)		
Power source	Power supply unit [VL-PS240] 24 V DC, 0.6 A	Input: 220-240 V AC, 0.2 A [50/60 Hz] Output: 24 V DC, 0.6 A
Power consumption	Standby: 3.5 W, During operation: 8.5 W	—
Dimensions [H x W x D] (Excluding protruding sections)	373 x 179 x 6 mm (excluding sections embedded into the wall)	116 x 100 x 54 mm
Weight	1.5 kg	230 g
Operating environment	Ambient temperature: Approx. -10 °C to +55 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +50 °C Relative humidity (non-condensing): up to 90 % (indoor use only)
Display	3.5-inch colour display [320x240 pixels]	—
Display language	English, Arabic, French, Italian, German, Spanish and Dutch Only user guidance supports multiple language Resident's names are only in English	—
Talking method	Hands-free	—
Network interface	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	—
Network protocol	TCP/IP, UDP	—
Wiring	UTP (cat.5e or higher)	—
Card reader (RFID)	13.56 MHz (ISO/IEC 14443 Type A (MIFARE))	—
Expanded interface	Support for electric lock releasing (entrance unlocking) x 1	—
Viewing angle	Horizontally: Approx. 120°, Vertically: Approx. 72° (15° angle adjusting, vertical only)	—
Image sensor	2.0 M pixels CMOS sensor	—
Minimum illumination required	1 lx (within approx. 50 cm from the camera lens)	—
Lighting method	White coloured LED lights	—
SIP server	Embedded SIP server (up to 200 devices)	—
Video / Audio format	Video: H.264, Audio: G.711	—
IP rating / IK rating	IP55* / Compliant with IK07	—
Installation method	Flush mount (flush mounting box supplied)	Wall mount or attach to DIN rail
External material	Aluminium	Flame retardant PC-ABS resin
Supported functions	<ul style="list-style-type: none"> Room numbers using numbers 0 through 9 and letters A through F Phonebook (Room-No., Resident's name) Theft detection buzzer Unlock lobby door via a PIN code or RFID card (MIFARE) Reception mode Display a BMP file set by the user (320x180 pixels) 	—

Model number and name	VL-VN1500	VL-MN1000	VL-VN1700
	Door Station	Room Monitor	Control Box
Dimensions (Unit: mm)			
Power source	PoE (IEEE 802.3af compliant, Class 2 device) or Power supply unit [VL-PS240*] 24 V DC, 0.6 A	PoE (IEEE 802.3af compliant, Class 2 device) or Power supply unit [VL-PS240*] 24 V DC, 0.6 A	100-240 V AC, 0.95-0.6 A, 50/60 Hz
Power consumption	PoE: Standby: 2.5 W / During operation: 5.1 W VL-PS240: Standby: 2.6 W / During operation: 6.3 W	PoE: Standby: 1.9 W / During operation: 6.3 W VL-PS240: Standby: 2.1 W / During operation: 6.2 W	Under 50 W
Dimensions [H x W x D] (Excluding protruding sections)	141 x 100 x 28.5 mm	137.5 x 205 x 27.8 mm	88 x 430 x 340 mm
Weight	250 g	550 g	4.5 kg
Operating environment	Ambient temperature: Approx. -10 °C to +55 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Display	—	7-inch wide colour display with touch screen [800x480 pixels]	—
Display language	—	English, Arabic, French, Italian, German, Spanish and Dutch	—
Talking method	Hands-free	Hands-free	—
Network interface	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	10BASE-T/100BASE-TX/100BASE-T (Auto MDI/MDI-X)
Network protocol	TCP/IP, UDP	TCP/IP, UDP	TCP/IP, UDP
Wiring	UTP (cat.5e or higher)	UTP (cat.5e or higher)	UTP (cat.5e or higher)
Card reader (RFID)	13.56 MHz (ISO/IEC 14443 Type A (MIFARE))	—	—
Expanded interface	E-lock x 1 *Relay box VL-RLY1 is required [sold separately]	Sensor input x 5 (including emergency / urgency button)	—
Viewing angle	Horizontally: Approx. 113°, Vertically: Approx. 69°	—	—
Image sensor	1.3 M pixels CMOS sensor	—	—
Minimum illumination required	1 lx (within approx. 50 cm from the camera lens)	—	—
Lighting method	White coloured LED lights	—	—
Video / Audio format	Video: H.264, Audio: G.711	Video: H.264, Audio: G.711	—
Recording	—	Internal memory (video with audio can be saved)	—
IP rating / IK rating	IP54* / —	—	—
Installation method	Surface mount (mounting base supplied)	Surface mount (mounting bracket supplied) or Flush mount (mounting box VL-VN1790 sold separately)	Mountable to 19-inch racks
External material	PC-ABS resin	PC-ABS resin	Front Cabinet: ABS, Lower / Upper Cabinet: Steel
Supported functions	<ul style="list-style-type: none"> Unlock individual doors via the RFID card (MIFARE) Theft detection buzzer 	<ul style="list-style-type: none"> Monitoring through the IP camera Emergency / Urgency call, Sensor, Door bell Intercom calls between monitors (family or neighbours) Calls to SIP Phones (guard station, reception, etc.) Register up to 32 IP cameras per monitor¹⁾ Register up to 18 SIP Phones per monitor²⁾ 	<ul style="list-style-type: none"> Voice mail E-mail notification Supports up to 2000 SIP devices (embedded SIP server)

*1 Water resistance is only assured if lobby station/the doorphone installed correctly according to the instructions in the Operating Instructions, and appropriate water protection measures are taken.
*2 VL-PS240 is sold separately. *3 System total up to 500 IP cameras. Consult your dealer for more information. *4 System total up to 50 SIP phones. Consult your dealer for more information.

VL-V900 series (Analogue Video Intercom System for Apartment Complexes)

Model number and name	VL-V900	
	Lobby Station	Power Supply Unit [VL-PS240]
Dimensions (Unit: mm)		
Power source	Power supply unit [VL-PS240] 24 V DC, 0.2 A	Input: 220-240 V AC, 0.2 A [50/60 Hz] Output: 24 V DC, 0.6 A
Power consumption	Standby: Approx. 1.9 W During operation: Approx. 4.5 W	—
Dimensions [H x W x D] (Excluding protruding sections)	373 x 179 x 2.5 mm (excluding sections embedded into the wall)	116 x 100 x 54 mm
Weight	2.0 kg	230 g
Operating environment	Ambient temperature: Approx. -10 °C to +55 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +50 °C Relative humidity (non-condensing): up to 90 % (indoor use only)
Display	4.3-inch monochrome display (white backlight LCD)	—
Display language	English	—
Talking method	Hands-free	—
Expanded interface	Support for electric lock releasing (entrance unlocking) x 1 VIDEO-IN (recommended Panasonic security camera) x 1	—
Viewing angle	Horizontally: Approx. 170° Vertically: Approx. 115°	—
Image sensor	(1/4 inch) CMOS sensor (approx. 1 M pixels)	—
Minimum illumination required	1 lx (within approx. 50 cm from the camera lens)	—
Lighting method	White coloured LED lights	—
IP rating / IK rating	IP55* / Compliant with IK07	—
Installation method	Flush mount (flush mounting box supplied)	Wall mount or attach to DIN rail
External material	Stainless steel (partially ABS and PC)	Flame retardant PC-ABS resin
Supported functions	<ul style="list-style-type: none"> Guidance (simple usage for visitors) Night colour vision (white coloured LED lights) Heat sensor: The backlight of the display and buttons are turned on when a visitor is detected Display the resident's names Unlock with PIN-code 	—

Model number and name	VL-V700	VL-V701	VL-V702 ²⁾	VL-V703
	Control Box	Distribution Box / Repeater Box	Lift Controller	Extension Box
Dimensions (Unit: mm)				
Power source	Power supply unit [VL-PS240] 24 V DC, 0.2 A	Power supply unit [VL-PS240] 24 V DC, 0.1 A	Power supply unit [VL-PS240] 24 V DC, 0.2 A	Power supply unit [VL-PS240] 24 V DC, 0.1 A
Power consumption	Standby: Approx. 3.5 W During operation: Approx. 3.7 W	Standby: Approx. 1.2 W During operation: Approx. 2.0 W	Standby: Approx. 0.4 W During operation: Approx. 4.4 W	Standby: Approx. 1.5 W During operation: Approx. 1.5 W
Dimensions [H x W x D] (Excluding protruding sections)	108.5 x 210 x 52.5 mm			
Weight	400 g			
Operating environment	Ambient temperature: -10 °C to +50 °C Relative humidity (non-condensing): up to 90 % (indoor use only)			
Installation method	Wall mount or attach to DIN rail			
External material	ABS (flame retardant ABS resin)			
Log	Save the text logs and visitors' images in the SD card (sold separately) Text logs: More than 90,000 items Images: Up to 90,000 images	—	—	—
Supported functions	<ul style="list-style-type: none"> USB connection (provide PC application/English) date and time setting (HH:MM DD/MM/YYYY) set the room number to the monitor estimate the status of the equipment in the system operation setting (terminal, pass code, and so on) SD card (SDHC/SDXC): Log function VIDEO OUTPUT (NTSC up to 1) RJ-11: Connect with PBX system 	<ul style="list-style-type: none"> Dip switch Mode change (Distribution mode/Repeater mode) Termination setting (Normal/Termination) ID setting (1-10) 	<ul style="list-style-type: none"> Supported control methods 1:1 control (Relay signalling) Binary control 	<ul style="list-style-type: none"> Extend lobby stations / control boxes Up to 6 lobby stations Up to 4 control boxes

*1 Water resistance is only assured if the lobby station is installed correctly according to the instructions in the Installation Guide, and appropriate water protection measures are taken.
*2 The supported control method depends on the specifications of the lift and lift control box. Contact the lift manufacturer for details.