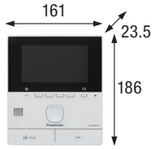
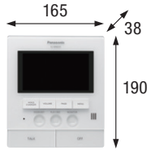
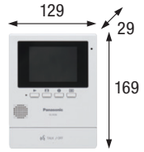
Specifications

Model number and name	VL-MVN511 (Main Monitor)	VL-MW251 (Main Monitor)	VL-MV26 (Main Monitor)
Dimensions (mm)			
Power supply	T.B.D. (Attached power supply unit is AC 220-240 V)	100-240 V AC (50-60Hz)	T.B.D. (Attached power supply unit is AC 220-240 V)
Power consumption	Standby: T.B.D. / During operation: T.B.D.	Standby: 0.04A / During operation: 0.28A	Standby: T.B.D. / During operation: T.B.D.
Display	Approx. 5 inch / WQVGA	Approx. 5 inch, wide / WQVGA	Approx. 3.5 inch, wide / QVGA
Dimensions (H x W x D) (Excluding protruding sections)	186 x 161 x 23.5 mm	190 x 165 x 38 mm	169 x 129 x 29 mm
Weight	500 g	785 g	345 g
PTZ	Pan, Tilt, Zoom (for VL-V900, VL-V555)	Pan, Tilt, Zoom (for VL-V900, VL-V555)	-
Recording	8 images x 50 calls	1 image x 100 calls or 8 images x 50 calls	1 image x 30 calls
Wireless	Wi-Fi (IEEE802.11 b/g/n 2.4GHz)	2.4 GHz FHSS	-
Function	• 1 door station input / 1 door bell input • E-Lock release (both individual* and public) • Guard call • Monitor CCTV • Smartphone Connect via Wi-Fi local network (Smartphone application is available for free) • Send mail via the Internet (with visitor's image) • Emergency call	• 1 door station input • E-Lock release (both individual and public) • Guard call • Monitor CCTV • Wireless sub monitor available (VL-W605) • Voice change function: make woman's voice sound like a man's • Paging: transfer calling (wireless sub monitors)	• 1 door bell input • E-Lock release (public) • Guard call • Monitor CCTV

* The optional VL-RLY1 is required to open individual E-locks.

Options:

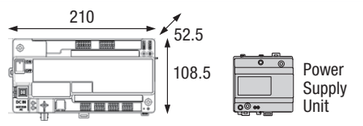
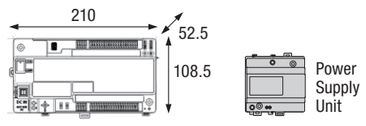
VL-RLY1
Relay Box
(for VL-MVN511)

VL-V555
Door Station
(Aluminium surface)
(for VL-MVN511)

VL-V522L
Door Station
(Resin surface)
(for VL-MVN511,
VL-MW251)

VL-W605
Sub Monitor
(for VL-MW251)
up to 4

VL-FAN1
Repeater
(for VL-MW251)
up to 2

Model number and name	VL-V700 (Control Box)	VL-V701 (Distribution Box/Repeater Box)
Dimensions (mm)		
Power supply	T.B.D. (Attached power supply unit is AC 220-240 V)	T.B.D. (Attached power supply unit is AC 220-240 V)
Power consumption	Standby: Approx. T.B.D. / During operation: Approx. T.B.D.	Standby: Approx. T.B.D. / During operation: Approx. T.B.D.
Dimensions (H x W x D) (Excluding protruding sections)	108.5 x 210 x 52.5 mm	108.5 x 210 x 52.5 mm
Weight	400 g	400 g
Operating environment	Ambient temperature: 0 °C to 40 °C, Up to 90 % RH (Relative Humidity) non condensing	Ambient temperature: 0 °C to 40 °C, Up to 90 % RH (Relative Humidity) non condensing
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	USB connection (provide PC application / English) • date and time setting (HH: MM DD/MM/YYYY) • set the room number with the monitor • estimate the status of the equipment in the system • operation setting (TERMINAL, pass code, and so on.) SD Card (SD/SDHC/SDXC): Log function VIDEO OUTPUT (NTSC/PAL up to 1) RJ-11: PBX SLT function (connect with PBX system to guard stations)	Dip switch • Mode change (Distributor/Repeater) • Termination setting (Normal/Terminal) • ID setting (1-7 by binary number)
Installation method	Wall implanted (or can be installed on DIN rail)	Wall implanted (or can be installed on DIN rail)
External material	Flame retardant ABS resin	Flame retardant ABS resin

* A Lift Controller (VL-V702) will be provided. By using this controller, it is possible to synchronize the lift stop floor with the unlock control in the system.

Trademarks and registered trademarks
- SD, SDHC, SDXC, and SDXC Logo are trademarks of SD-3C, LLC.
- Wi-Fi is a trademark or registered trademark of Wi-Fi Alliance.

Important
- Safety Precaution: carefully read the operating instructions and installation manual before using this product.

- The actual product may vary slightly from photograph.
- All pictures of the LCD display are simulated.
- Weights and dimensions are approximate.
- Design and Specifications are subject to change without notice.
- These products may be subject to export control regulations.

DISTRIBUTED BY :

Panasonic

MG-DHPE002EN 1506ITP/TD-1

Panasonic

Preliminary

Video Intercom System (for apartment, condominium)

VL-V900 series

Key Features

Supports large apartment systems

3 lobby stations and 560 room monitors are supported for a building. When connected to a PBX system (for instance, the Panasonic KX-TES824 system), 4 guard stations and multiple buildings are supported.

Provides safety and security to residents

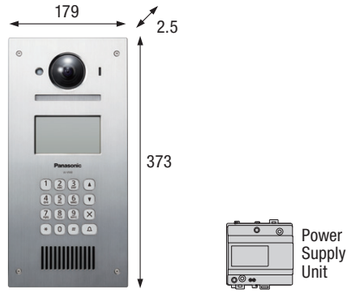
1) Answer visitors after checking their face. Check visitors using a smartphone (VL-MNV511 only) or the wireless monitor (VL-MW251 only).
2) Record the image of visitors and check them at any time.
3) Monitor common surveillance cameras from your own room.
4) Notify of accidents (fire, injury, etc.) to reception, another station via a PBX.

Easy and low cost installation

The system mainly needs only 2 wire cables (1 pair of cables), and less equipment. It provides an easy way to link up rooms in one location using a PC, and can also be set up with a room monitor in every room.

Safe and convenient maintenance functions

The system provides a self-diagnostic function to identify errors. It is easy to change the equipment and re-link. Log function for recording the face of visitors and the date.

Model number and name	VL-V900 (Lobby Station)
Dimensions (mm)	
Power supply	T.B.D. (Attached power supply unit is AC 220-240 V)
Power consumption	Standby: Approx. T.B.D. / During operation: Approx. T.B.D.
Dimensions (H x W x D) (Excluding protruding sections)	373 x 179 x 2.5 mm (excluding sections embedded into the wall) Flush mounting only
Weight	2.0 kg
Operating environment	-10 °C to 50 °C, Up to 90 % RH (Relative Humidity) non condensing
IP rating/IK rating	IP55 / IK07
Viewing angle	Horizontally: Approx. 170°, Vertically: Approx. 115°
Expanded interface	Support for electric lock releasing (entrance unlocking) x 1 / VIDEO-IN (recommended Panasonic CCTV) x 1
Supported functions	Guidance (simple usage for visitors) Night colour vision (white LED installed) Human sensor: Monitor power is turned on when a person approaches. Display the resident's names
Installation method	Flush mounted on wall / special board
External material	Aluminium / stainless steel

System Diagram of the Apartment System

Total System

Control Box	1 unit
Distribution Box	28 units
Main Monitor	560 units

VL-V701 Dip switch

*1 Standard Mode (STD/NOR)		*2 Stan dard Mode (STD /END)		*3 Repeater Mode (RPT/END)	
REPEATER	TERMINATION	REPEATER	TERMINATION	REPEATER	TERMINATION
ON ↑	ON ↑	ON ↑	ON ↑	ON ↑	ON ↑

Up to **3** lobby stations

Up to **20** room units per distribution box

Up to **560** room units total

Entrance

Lobby Station **VL-V900**

Coax (NTSC/PAL)

Security Camera

E-Lock1

Power Supply Unit

Access control

Common Area

Lobby Station **VL-V900**

Coax (NTSC/PAL)

Security Camera

E-Lock1

Power Supply Unit

Access control

Parking

Lobby Station **VL-V900**

Coax (NTSC/PAL)

Security Camera

E-Lock1

Power Supply Unit

Access control

2 Wire, NP

2 Wire, NP

2 Wire, NP

Power Supply Unit

4 Branches

Control Box **VL-V700**

SD Card* (sold separately)

* 4 GB or more capacities are required.

VIDEO 2 Wire, NP

AUDIO 2 Wire, NP

#1 Distribution Box **VL-V701**

#7 (Up to 7)

Power Supply Unit

Standard Mode*1 (STD/NOR)

Up to **7** distribution boxes per branch

Distribution Box **VL-V701**

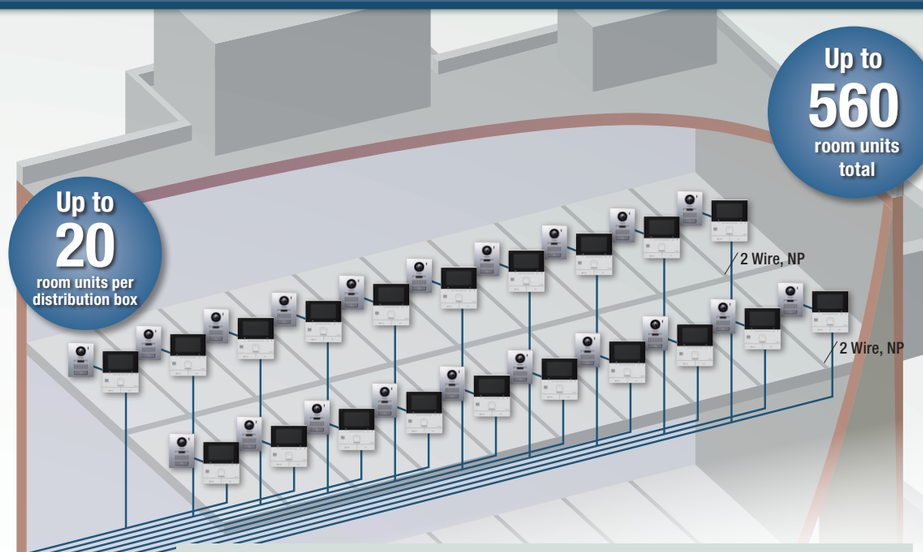
Standard Mode*2 (STD/END)

Repeater Mode*3 (RPT/END)

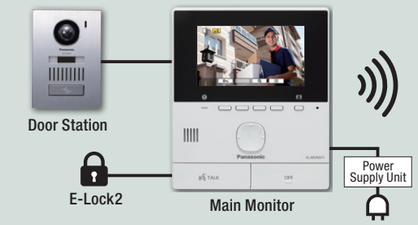
You can extend the distance by using the repeater mode.

Standard Mode*1 (STD/NOR)

2 Wire, NP



Room



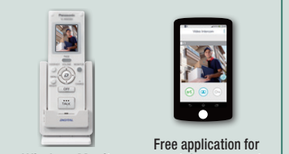
Door Station

E-Lock2

Main Monitor

Power Supply Unit

Expandable options



Wireless Monitor (for VL-MW251)

Free application for smartphone support (for VL-MVN511)

Guard Station

Up to **4** SLTs

PBX System

PBX Line

Connect to multiple buildings through the PBX system

Security Control Room

USB

PC (Setting)

Coax (NTSC/PAL)

Monitor

Lift

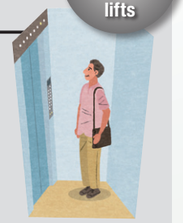
Up to **3** lifts

Lift Controller **VL-V702**

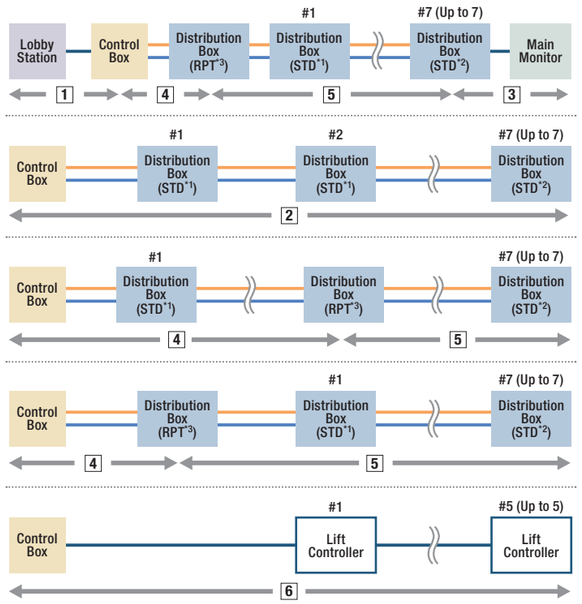
#5 (Up to 5)

Power Supply Unit

(Up to 100 floors)



Wiring Distance

* Use PE (polyethylene)-insulated cables.

No	Wiring run	Wire diameter 0.65 mm (22 AWG)	Wire diameter 1.2 mm (17 AWG)
1	Control Box - Lobby Station	100 m	200 m
2	Control Box - Distribution Box (Standard Mode*2)	100 m	200 m
3	Distribution Box (Standard Mode*1*2) - Main Monitor	100 m	200 m
4	Control Box - Distribution Box (Repeater Mode*3)	100 m	200 m
5	Distribution Box (Repeater Mode*3) - Distribution Box (Standard Mode*2)	100 m	200 m
6	Control Box - the farthest Lift Controller	100 m	200 m