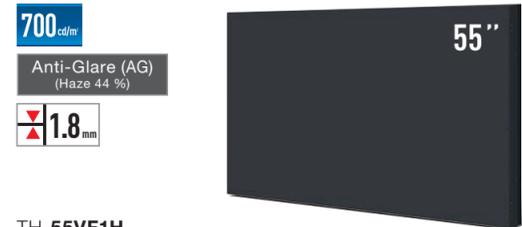


# TH-55VF1H



**TH-55VF1H**  
 ■ Dimensions (W x H x D): 1,211.4 x 682.2 x 99 mm (47.7" x 26.9" x 3.9")  
 ■ Weight: Approx. 25.0 kg (55.2 lbs) ■ Power Consumption: 300 W



## Ultra-narrow Bezels Provide Cohesive Video-Wall Images

Narrow frame design reduces bezel-to-bezel distance to a near-invisible 1.8 mm\*. Even when viewed close-up, screen borders are almost indiscernible, resulting in truly spectacular large-format images.

\* Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included. Note that a gap of 0.5 mm or more is required when installing multiple displays.

## Delivers Stable Brightness for Up to 8 Years\*

The VF1H Series incorporates Long Life Mode and Auto Brightness Adjustment function. In Long Life Mode, backlight brightness is optimized to extend product life. Auto Brightness Adjustment function corrects light output automatically according to the rate of backlight deterioration to maintain constant brightness for longer.

\* Figure is approximate when operating continuously for 24 hours x 365 days.

## Long Life Mode & Auto Brightness Adjustment Function

Example: Long Life Mode set to "On2"



\* At this time the brightness will have decreased to approximately half its original level.  
 Note: Assuming operating conditions of 25 °C (± 2 °C). Environmental conditions and conditions of usage may affect actual brightness and operating period. "On2" delivers approximately 60 % maximum specified backlight brightness. Auto brightness adjustment cannot be turned on if panel illumination period has exceeded 1,000 hours.  
 Note: Images and graphs are simulated.

## DIGITAL LINK Simplifies Installation at Lower Cost

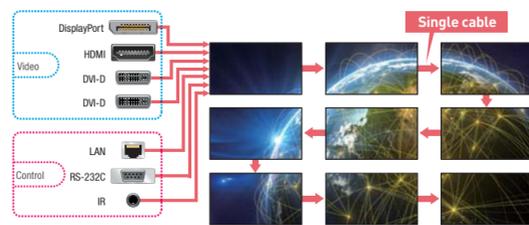
Based on HDBaseT™ technology, the DIGITAL LINK connection on VF1H and LRV70 Series displays supports audio, video, and control signal transmission over long distances, and can also be used to daisy-chain multiple displays via a single cable. This eliminates the need for video-splitters and other routing devices.

Note: CAT5e or higher STP cable required.

**Combines AV and Control Signals**  
 Save time and money with Panasonic's simplified DIGITAL LINK connection.



## DIGITAL LINK Reduces Cabling Cost and Installation Complexity



## Reverse Scan Function

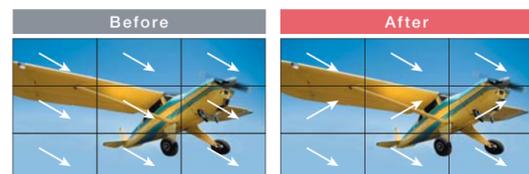
Reverses direction of image scanning to smoothly play enlarged video on multiple screens.



## Frame Control Function

Adjusts timing of images to reproduce enlarged video more naturally.

Note: Graphic is simulated. Arrows show scanning direction during video playback.



## Product Specification (Design and specification are subject to change without notice)

Model No.	TH-55VF1H	TH-55LFV70	TH-55LFV6	TH-55LFV8	TH-49LFV8
<b>DISPLAY PANEL</b>					
Screen Size (Diagonal)	55-inch (1,387 mm)				49-inch (1,232 mm)
Aspect Ratio	16 : 9				
Panel Type/Backlight	IPS / Direct-LED				
Resolution (H x V)	1920 x 1080				
Brightness (Typ.)	700 cd/m²		500 cd/m²		450 cd/m²
Max. Display Colors	Approx. 1.07 billion				
Contrast Ratio	1,200 : 1		1,400 : 1		1,300 : 1
Dynamic Contrast Ratio	500,000 : 1				
Response Time	8 ms (G to G)		12 ms (G to G)		8 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178° / 178° (CR ≥ 10)				
Panel Surface Treatment	Anti-Glare (Haze 44 %)		Anti-Glare (Haze 10 %)		Anti-Glare Low-Reflection (Haze 3 %)
<b>CONNECTION TERMINAL</b>					
<b>VIDEO IN</b>	BNC x 1 (Shared with COMPONENT/RGB IN Y/G) Pin Jack (L/R) x 1 Set (Shared with COMPONENT/RGB IN)	BNC x 1 (Shared with COMPONENT IN Y) Pin Jack (L/R) x 1 Set (Shared with COMPONENT IN)	BNC x 1 (Shared with COMPONENT/RGB IN Y/G) Stereo Mini-Jack (M3) x 1 (Shared with COMPONENT/RGB IN)	BNC x 1 (Shared with COMPONENT IN Y) Pin Jack (L/R) x 1 Set (Shared with COMPONENT IN)	
<b>HDMI IN</b>	HDMI Type A Connector x 1 (Compatible with HDCP 1.4)				
<b>COMPONENT IN</b>	-				
<b>AUDIO IN</b>	-		BNC x 1 Set (Shared with VIDEO IN) Pin Jack (L/R) x 1 Set (Shared with VIDEO IN)		
<b>COMPONENT/RGB IN</b>	BNC x 1 Set (Shared with VIDEO IN)	-		-	
<b>AUDIO IN</b>	Pin Jack (L/R) x 1 Set (Shared with VIDEO IN)		Stereo Mini-Jack (M3) x 1 (Shared with VIDEO IN)		-
<b>DVI-D IN</b>	DVI-D 24-pin x 2 (Female) (DVI Revision 1.0 Compliant, Compatible with HDCP 1.1)		DVI-D 24-pin x 1 (Female) (DVI Revision 1.0 Compliant, Compatible with HDCP 1.1)		DVI-D 24-pin x 1 (Female) (DVI Revision 1.0 Compliant, Compatible with HDCP 1.4)
<b>AUDIO IN</b>	Stereo Mini-Jack (M3) x 1 (Shared with PC IN)				
<b>DVI-D/DVI-I OUT</b>	-		DVI-D 24-pin x 1 (Female) (DVI Revision 1.0 Compliant, Compatible with HDCP 1.1)*1		DVI-I 29-pin x 1 (Female) (DVI Revision 1.0 Compliant, Compatible with HDCP 1.4)*2
<b>DisplayPort IN</b>	DisplayPort x 1 (DP1.1) (Compatible with HDCP 1.4)*3				
<b>DisplayPort OUT</b>	-				
<b>PC IN</b>	Mini D-sub 15-pin x 1 (Female)				
<b>AUDIO IN</b>	Stereo Mini-Jack (M3) x 1 (Shared with DVI-D IN)				
<b>USB</b>	USB Type A Connector (DC 5 V/0.5 A) x 1 (USB 3.0 Not Supported)	USB Type A Connector (DC 5 V/1 A) x 1 (USB 3.0 Not Supported)	USB Type A Connector (DC 5 V/0.5 A) x 1 (USB 3.0 Not Supported)		
<b>AUDIO OUT</b>	Pin Jack (L/R) x 1 Set		Stereo Mini-Jack (M3) x 1		
<b>SERIAL</b>	D-sub 9-pin x 1 (Input) (Male) / D-sub 9-pin x 1 (Output) (Male), RS-232C Compatible			2.5 mm Stereo Mini-Jack x 1 (Input) / 2.5 mm Stereo Mini-Jack x 1 (Output), RS-232C Compatible	
<b>DIGITAL LINK IN/OUT</b>	RJ45 x 1 (IN) (Shared with LAN IN) / RJ45 x 1 (OUT) (Shared with LAN OUT)		-		
<b>LAN</b>	RJ45 x 1 (IN) (100BASE-TX, Compatible with PoE Link™, Shared with DIGITAL LINK IN) / RJ45 x 1 (OUT) (100BASE-TX, Compatible with PoE Link™, Shared with DIGITAL LINK OUT)		RJ45 x 1 (IN) (10BASE-T/100BASE-TX, Compatible with PoE Link™)		
<b>IR IN/OUT</b>	Stereo Mini-Jack (M3) x 1 (Input) / Stereo Mini-Jack (M3) x 1 (Output)				
<b>SPEAKER</b>					
<b>External Speaker Out</b>	8 Ω, 20 W (10 W + 10 W) (10 % THD)				
<b>ELECTRICAL</b>					
<b>Power Requirements</b>	110~127 V AC, 50/60 Hz / 220~240 V AC, 50/60 Hz				
<b>Power Consumption</b>	300 W	330 W	220 W (L) / 210 W (W)	320 W	220 W
<b>On Mode Average Power Consumption*</b>	120 W	168 W	108 W	218 W	137 W
<b>Standby Condition</b>	Approx. 0.5 W				
<b>MECHANICAL</b>					
<b>Dimensions (W x H x D)</b>	1,211.4 x 682.2 x 99 mm (47.7" x 26.9" x 3.9")		1,213.4 x 684.2 x 95 mm (47.8" x 27.0" x 3.8")	1,077.7 x 607.9 x 103.9 mm (42.5" x 24.0" x 4.1")	
<b>Bezel Width</b>	0.9 mm (0.036")		2.25 mm (0.088") [Left/Top], 1.25 mm (0.049") [Right/Bottom]		
<b>Weight</b>	Approx. 25.0 kg (55.2 lbs)		Approx. 30.0 kg (66.1 lbs)	Approx. 22.0 kg (48.5 lbs)	
<b>Wall-hanging Pitch</b>	VESA-compliant 400 x 400 mm (15.8" x 15.8")				
<b>Installation*</b>	Orientation: Landscape/Portrait, Angle: Vertical Only				
<b>ENVIRONMENTAL</b>					
<b>Operating Environment</b>	0 °C to 40 °C (32 °F to 104 °F)*6 / 0 °C to 35 °C (32 °F to 95 °F)*7	0 °C to 40 °C (32 °F to 104 °F)*8	0 °C to 40 °C (32 °F to 104 °F)*6 / 0 °C to 35 °C (32 °F to 95 °F)*7		20 % to 80 % (Non-Condensation)

\*1 DVI-D output supports pass-through from DVI-D IN only. \*2 DVI-I output supports pass-through from DVI-D IN and PC IN only. \*3 Dual Mode only. \*4 Based on IEC 62087 Ed2 measurement method. \*5 Please consult your dealer if installation conditions differ to those specified. \*6 For up to 1,400 m (4,593 ft) altitude. \*7 For between 1,400 m (4,593 ft) and 2,800 m (9,186 ft) altitude. \*8 For up to 2,000 m (6,562 ft) altitude.

# Panasonic



For more information about Panasonic professional displays, please visit:  
 Global Website - [panasonic.net/cns/prodisplays/](http://panasonic.net/cns/prodisplays/)  
 YouTube - [www.youtube.com/PanasonicProDisplay](http://www.youtube.com/PanasonicProDisplay)

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All information included here is valid as of December 2017.

CT17-G04PF-Video Wall Printed in Japan.

# Panasonic BUSINESS

## LCD Video Wall Series

December/2017



55-inch TH-55VF1H

55-inch TH-55LFV70  
55-inch TH-55LFV6

55-inch TH-55LFV8  
49-inch TH-49LFV8

55"

49"



## Simplified and Seamless Multi-screen System for Signage, Events, and Surveillance

Panasonic's close relationship with end users and the resale industries has enabled development of specialized turnkey video-wall solutions that exceed the demands of professionals by streamlining installation, safeguarding reliability, and enhancing performance around the clock. Serving high-impact images, the VF1H, Lfv70, Lfv6, and Lfv8 Series assure high visibility and ease of operation unrivalled by any other brand.

## Panasonic LCD Video Wall Series Feature Comparison

	Page	TH-55VF1H	TH-55LFV70	TH-55LFV6	TH-55LFV8	TH-49LFV8
Screen Size	P.7-9	55-inch				49-inch
Panel Brightness (cd/m <sup>2</sup> )	P.7-9	700 cd/m <sup>2</sup>		500 cd/m <sup>2</sup>		450 cd/m <sup>2</sup>
Bezel-to-Bezel (mm)	P.4	1.8mm		3.5mm		
Panel Surface Treatment	P.4	Anti-Glare (AG) (Haze 44%)		Anti-Glare (AG) (Haze 10%)		Anti-Glare Low-Reflection (AGLR) (Haze 3%)
Panel	P.4	In Plane Switching		In Plane Switching		In Plane Switching
Local Dimming	P.4	●		●		●
24/7 Operation	P.5	24/7 Operation		24/7 Operation		24/7 Operation
Portrait	P.5	Portrait		Portrait		Portrait
Multi-screen	P.5	10 x 10				
Daisy Chain	P.9	(Video/Control) DIGITAL LINK™*2		(Video) DVI*1 (Control) Serial*2, IR*2	(Video) DisplayPort*3, DVI*1 (Control) Serial*2, IR*4	
DIGITAL LINK	P.9	DIGITAL LINK		-		-
4K Image Output on Multiple Screens	P.8	-		-		4K Daisy Chain
USB Media Player	P.5	USB Media Player		USB Media Player		-*8
Frame Control / Reverse Scan	P.9	●		●		-
Failover / Failback*5	P.5	●		●		● (Failover only)
Video Wall Manager Software (Free) and Auto Display Adjustment Upgrade Kit (Optional)*6	P.6	●		●		●
Multi Monitoring & Control Software*7	P.6	●		●		●

\*1 For image signal, up to 8 displays with HDCP signal, and up to 10 displays with non-HDCP signal. \*2 For control signal, up to 100 displays. \*3 For image signal, up to 8 displays with HDCP signal. Up to 25 displays with non-HDCP signal. \*4 For control signal, up to 56 displays. \*5 Switching time varies depending on the model or settings. \*6 Some functions are limited depending on model. \*7 Software functionality varies depending on display model. \*8 Supports multimedia file playback function from USB memory devices. Multi-screen Image Syncing in multi-screen configuration not supported.



## Panasonic Solutions Meet Every Challenge

"Make multiple screens look like a single screen."



Developed VF1H Series with 1.8 mm Bezel-to-Bezel Width

▶ P.4

"Create dynamic 4K images on multiple screens."



4K Image Output on Multiple Screens (LFV8)

▶ P.8

"Prevent video-image misalignment where panels meet."



Developed Frame Control / Reverse Scan Function (VF1H)

▶ P.9

"Extend life and maintain stable brightness for years."



Developed Auto Brightness Adjustment for VF1H Series

▶ P.9

"Make it quicker, easier, and cheaper to install."



Developed DIGITAL LINK and Modular Mounting Frame (VF1H/LFV70)

▶ P.9

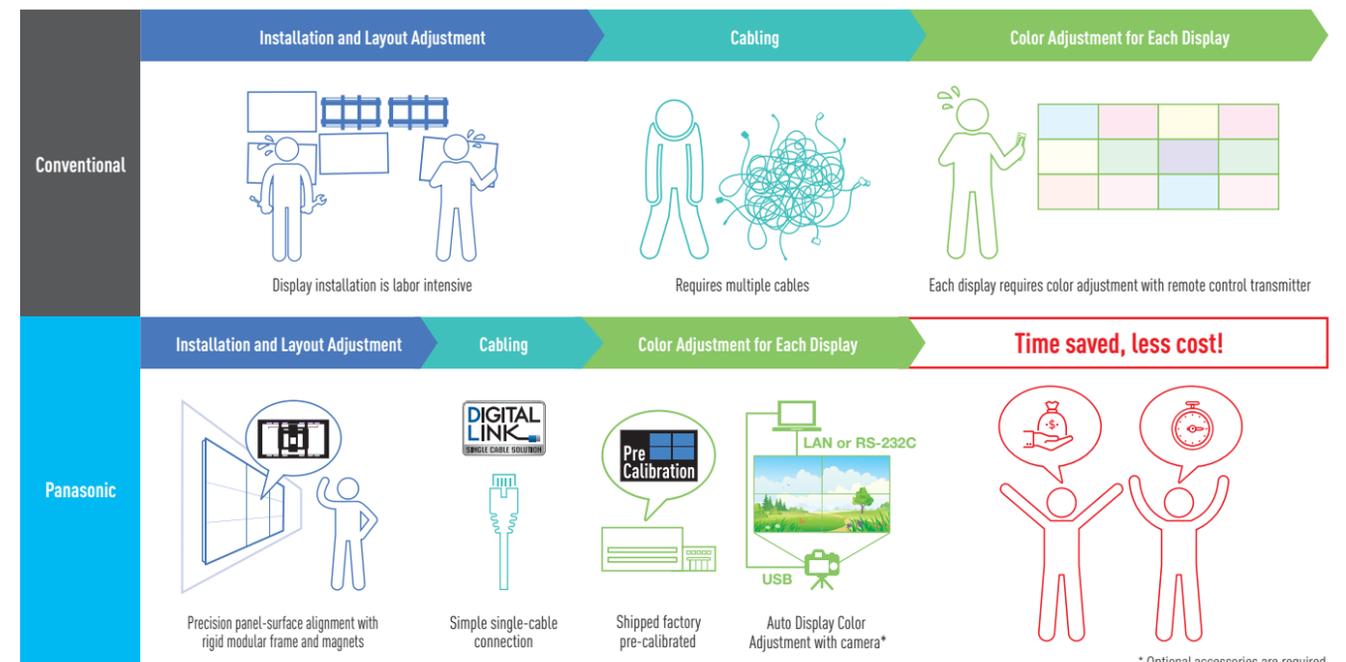
"Save me on calibration and maintenance."



Developed Video Wall Manager Software and Auto Display Adjustment Upgrade Kit

▶ P.6

## From Unboxing to Operation: Where You Save



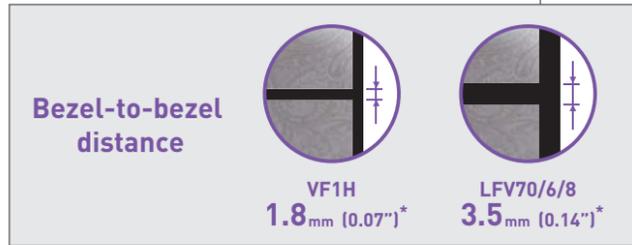
\* Optional accessories are required.

## Excellent Visibility on Multiple Screens with High-Grade Panels

Bright, Vivid, Detailed Images

### Ultra-narrow Bezel for Impressive Video Walls

Ultra-narrow frames on Panasonic's LCD Video Wall Series reduce bezel-to-bezel distance to a near-invisible 1.8 mm\*. Even when viewed close-up, screen borders are almost indiscernible, resulting in truly spectacular large-format images.



\* Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included. Note that a gap of 0.5 mm or more is required when installing multiple displays.

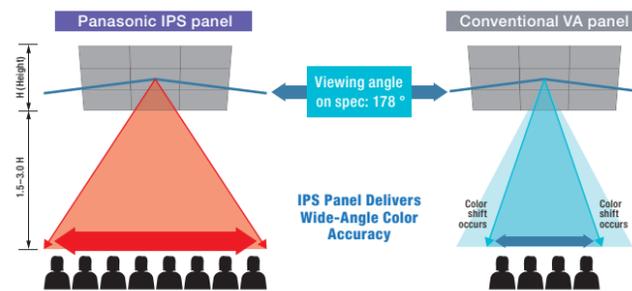
### IPS Panel Improves Off-Axis Visibility

High-resolution IPS (In-Plane Switching) panel technology ensures that pictures displayed on screen remain clearly visible even when observed from oblique angles: vital for signage applications as well as in control rooms where clear visibility is necessary at all times.



### Wide-Angle Color Accuracy

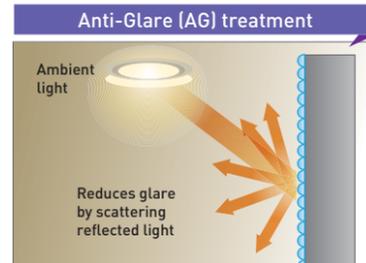
Panasonic IPS panel preserves true color accuracy across a wider proportion of the specified 178-degree viewing angle than conventional VA panels.



Note: Graphic is simulated. Visibility depends on environment.

### Panel Surface Treatment Ensures High Visibility

The AG layer on LCD Video Wall Series displays scatters reflected natural or artificial light, improving visibility. In particular, the AG treatment enhances screen clarity in surveillance stations and public facilities. The 49LFV8 features a refined Anti-Glare Low-Reflection (AGLR) panel, improving visibility by adding a low-reflection coating over the anti-glare treatment.



### Backlight Optimization Improves Contrast

Highly efficient direct-lit LED backlighting with Local Dimming assures high 500,000:1 contrast performance. Backlight brightness is automatically optimized to deepen blacks in dark areas and boost whites in light areas of individual scenes displayed on screen for more realistic and immersive picture quality.

#### Local Dimming Function



Black is reproduced as dark gray, and details are lost in shadows.

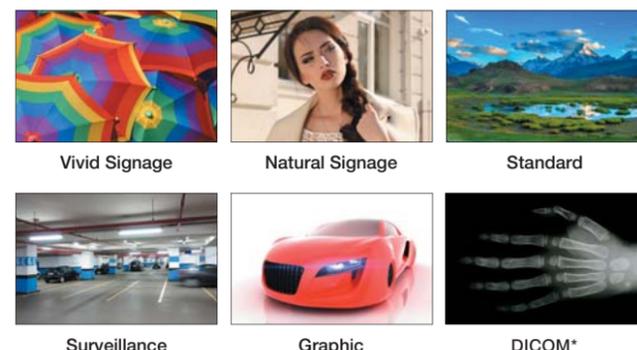
Backlighting is optimized for specific areas of the image, resulting in deeper blacks.

Note: Local Dimming on VF1H and LFFV Series is always set.

### Optimized Image Modes

VF1H LFFV6

Conventional display panels usually include basic display mode presets such as Standard and Dynamic. The Panasonic LCD Video Wall Series (except the LFFV70/8 Series), however, features an extensive selection of display modes to suit specific content, video sources, and lighting environments to achieve optimal performance.



\* DICOM simulation only. Do not use for actual medical examinations or diagnosis.

## High-Performance Imaging Engine

VF1H LFFV6

Color and image quality can be fine-tuned and customized to assure natural uniformity across all displays in multi-screen configuration.

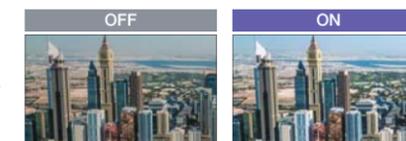
#### Color Enhancement

Displays images with enhanced color intensity.



#### Refine Enhancer

Corrects blurry image contours that result from resizing to improve resolution.



Note: Graphic is simulated.

#### Color-Matching

Corrects any unevenness in color between multiple screens. R (red), G (green), and B (blue) along with intermediate colors (cyan, magenta, and yellow) are corrected individually on each display.

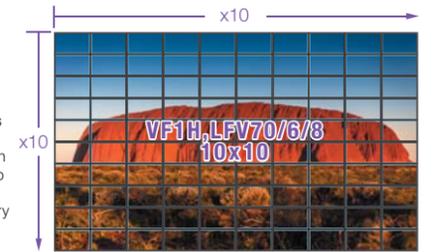
#### Gradation Smoother

Eliminates noise components from input video signals for noise-free image reproduction.

## Multi-screen System for High-Impact Images in Large Spaces

Multi-Display Function enlarges images to up to 100 times their original size\*. It can increase image size using the same zoom ratio in both vertical and horizontal directions to suit 2 x 2, 3 x 3, 4 x 4, 5 x 5, and 10 x 10 video-wall configurations, or can apply different ratios to suit alternative screen layouts. In this way, users can maximize image size according to video-wall size and shape.

\* Up to 2 x 2 zoom is available with media input via USB for VF1H and LFFV6. USB input for LFFV70 does not support multi-screen functionality.



Note: A mounting bracket compliant with VESA standards is required for wall-mounting. Some degradation occurs when images are enlarged. Be sure to provide adequate ventilation as operating temperatures can vary according to multi-screen configuration and environment.

## Reliability and Flexibility for Professional Users

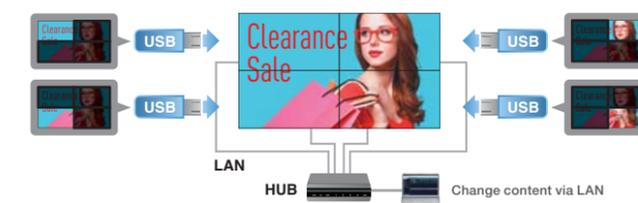
Reliability and Flexibility

### Multi-screen Image Syncing via USB and Media Updates via LAN

VF1H LFFV70 LFFV6

The Panasonic LCD Video Wall Series is adapted to digital signage—just connect USB memory devices to inputs on each display in 2 x 2 multi-screen configuration for automatically synchronized 4K (4 x 1080p) images. No external devices or processors are required. This function also serves as a backup in case the primary video source fails. Multi Monitoring & Control Software\*1 allows media to be written to USB memory via LAN\*2, perfect in situations where the display is difficult to access.

\*1 For more information about Multi Monitoring & Control Software, please visit: <https://panasonic.net/cns/prodisplays/download/software/multi/>  
\*2 Replacing content stored on USB memory device via LAN is available on VF1H and LFFV6 Series displays only.



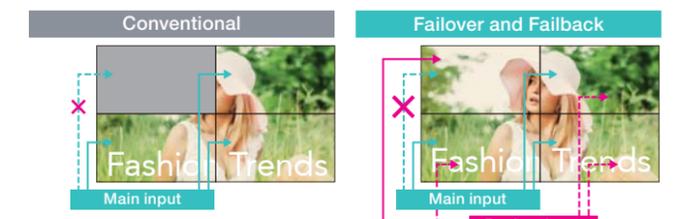
Note: Connection example for VF1H Series shown.

### Failover and Failback Safeguards Maintain Image Display

VF1H LFFV70 LFFV6

Digital signal inputs comprise one or two DVI-D terminals together with HDMI, DisplayPort\*1, DIGITAL LINK\*2, and USB inputs. If the primary audio-video signal is interrupted, the display immediately switches to an alternative input. When the primary signal is recovered during backup display, the original image is restored automatically. This makes the Panasonic LCD Video Wall Series ideal for use in control rooms and in other applications where uninterrupted playback is essential.

\*1 DisplayPort available on LFFV70 only. \*2 DIGITAL LINK available on VF1H and LFFV70 only.



If AV signal via the primary input is interrupted, image is no longer displayed.

If the primary AV signal is interrupted, the system automatically switches to a backup input so video display is maintained.

Note: Possible combinations of main/backup input signals are limited. For details, please refer to the operating instructions.

### Efficient 24/7 Reliability in Landscape or Portrait Modes

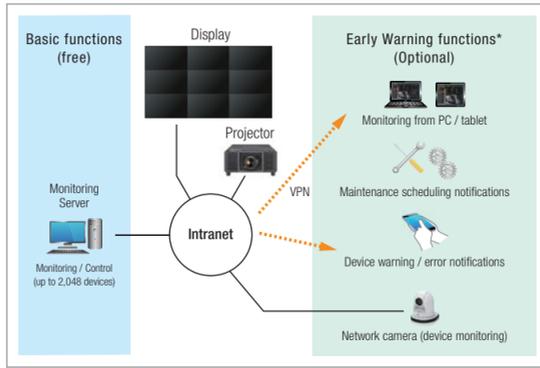
Durable panel materials and quality components ensure dependable 24-hour operation seven days a week. This makes the Panasonic LCD Video Wall Series ideal for applications where absolute reliability is critical. Further, these products are designed for either landscape or portrait orientation without affecting color, brightness, or operational life. This flexibility allows you to exploit installation space to fullest potential.

Note: Display of moving images is recommended when panels are in use for long periods to prevent image retention. Note that image retention can be gradually rectified with the periodical display of moving images.



## New Multi Monitoring & Control Software

Panasonic Multi Monitoring & Control Software\*1 supports up to 2,048 devices over LAN and features system map visualization or auto-search of devices to be registered. The free software is available with Early Warning functions\*2 (automatic free 90-day trial available). These advanced functions enable real-time monitoring, abnormality detection, and notification before servicing is required. Administrators can achieve seamless control and real-time monitoring while preventing potential problems, saving time, and enhancing system reliability.



\* Software functionality varies depending on the model.

\*1 Download is available at [panasonic.net/cns/prodisplays/download/software/](http://panasonic.net/cns/prodisplays/download/software/)  
\*2 License needs to be purchased separately, then activated at PASS ([panasonic.net/cns/prodisplays/pass/](http://panasonic.net/cns/prodisplays/pass/)) after the trial period.

## Designed to Reduce Installation Time, Labor & Maintenance

### Factory-matched and Pre-calibrated Color

Colors are pre-calibrated at the factory prior to shipment in order to minimize color differences between panels intended for multi-screen installation. This makes it possible to reduce time for visual adjustment on site\*.

\* In some cases, visual adjustment may be necessary.



### Video Wall Manager Software and Auto Display Adjustment Upgrade Kit

Panasonic's free Video Wall Manager software can be used with LCD Video Wall Series displays. With this software, you can calibrate display color using a color sensor, adjust display settings, and control and manage data via PC. If software is upgraded with an optional TY-VUK10 Auto Display Adjustment Upgrade Kit, brightness and color among multiple displays can be automatically calibrated using a compatible camera (Nikon D5200/D5300/D5500/D5600)\*.



\* For more information, please visit the website: <https://panasonic.net/cns/prodisplays/products/ty-vuk10/>

#### Video Wall Manager / TY-VUK10 Specification

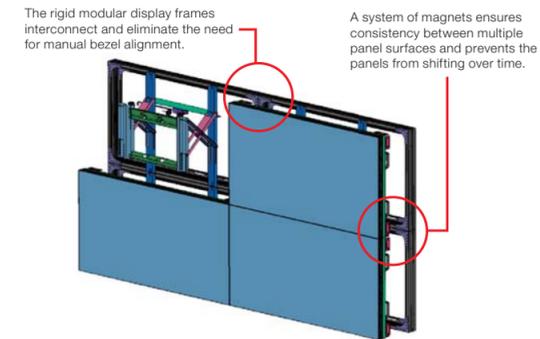
Video Wall Manager (FREE)	
Download	Free (Login and download from PASS)
Functions	Calibration / adjustment / control of display settings / data control
Target Models	Panasonic Video Wall LCD Display: TH-55VF1H, TH-55LFV70, TH-55LFV6, TH-55LFV8, TH-49LFV8
OS	Windows® 7, 8, 8.1, 10
Supported Color Sensor	Konica Minolta: CA-210, CA-310 Datacolor: Spyder4, Spyder5 X-rite: i1Pro2
Connection	RS232C, LAN (VF1H, LFFV70/6)
Max. Number of Displays	100 units
Auto Display Adjustment Upgrade Kit (TY-VUK10)	
Function	Automatic color adjustment using camera
Requirement	Video Wall Manager Software
Activation	License key is required per PC
Supported Camera	Nikon D5200, D5300, D5500, D5600 with normal zoom lens: AF-S DX NIKKOR 18-55 mm f/3.5-5.6G, AF-S DX NIKKOR 18-140 mm f/3.5-5.6G ED VR, AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR II
Max. Number of Displays	25 units (5 x 5)

\* Color calibration using a color sensor is not available for LFFV8.

### Precision Video-Wall Mounting System

Optional modular installation mount makes setting up a spectacular video wall comparatively quick and painless. As well as saving time and reducing labor cost, the rigid mount also eliminates potential panel-surface alignment inconsistencies with the use of an automatic magnet system. The Panasonic LCD Video Wall Series also features optional cover frames to enhance the appearance of the video-wall display\*.

\* Cover frame kit is not available for 49LFV8.



Inconsistencies in the video wall display can occur when individual panel bezels are not correctly aligned vertically and horizontally, and when panel surfaces are not properly adjusted. Surface alignment control magnets and interlocking mounts ensure precision installation in every axis.

Note: Landscape installation only.

## LCD Video Wall Series Lineup

### TH-55LFV70

700 cd/m<sup>2</sup>  
Anti-Glare (AG)  
(Haze 44 %)  
3.5 mm



TH-55LFV70  
■ Dimensions (W x H x D): 1,213.4 x 684.2 x 95 mm (47.8" x 27.0" x 3.8")  
■ Weight: Approx. 30.0 kg (66.1 lbs) ■ Power Consumption: 330 W



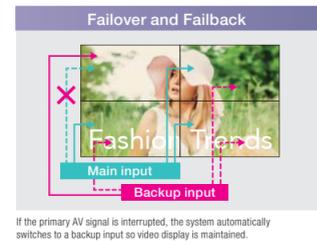
### High-Grade Panel Reduces Screen Surface Glare

Panel treatment ensures high visibility, suppressing reflections by means of optical interference with 44 % haze value. [Refer to page 4 for more details.](#)

### DIGITAL LINK Simplifies Installation at Lower Cost

Multiple displays can be daisy-chained via a single LAN cable\*, smoothing the way to multi-screen installation. [Refer to page 9 for more information.](#)

\* CAT5e or higher STP cable required.



### Failover/Failback Function Enhances Reliability

Digital signal inputs comprise one or two DVI-D terminals together with HDMI, DisplayPort, DIGITAL LINK, and USB inputs. If the primary audio-video signal is interrupted, the display immediately switches to an alternative input. [Refer to page 5 for further details.](#)

### TH-55LFV6

500 cd/m<sup>2</sup>  
Anti-Glare (AG)  
(Haze 10 %)  
3.5 mm



TH-55LFV6  
■ Dimensions (W x H x D): 1,213.4 x 684.2 x 95 mm (47.8" x 27.0" x 3.8")  
■ Weight: Approx. 30.0 kg (66.1 lbs) ■ Power Consumption: 220 W (U) / 210 W (W)



### Improved Multi-screen Video Visibility

Reverse Scan Function and Frame Control Function reduce the image misalignment between vertically adjacent panels when high-speed video is played on multiple screens in a video wall. Any enlarged video can be smoothly played on multiple screens. [Refer to page 9 for more details.](#)

### Smart Signage via USB Memory

Built-in USB media player supports synchronized 4K signage display in 2 x 2 configuration when the displays are connected via LAN cable. Multi Monitoring & Control Software allows media to be written to USB memory device via LAN, perfect in situations where the display is difficult to access.

### Optimized Image Modes

The LFFV6 features an extensive selection of display modes to suit specific content, video sources, and lighting environments to achieve optimal performance. [Refer to page 4 for more information.](#)

### TH-55LFV8/49LFV8

500 cd/m<sup>2</sup>  
Anti-Glare (AG)  
(Haze 10 %)  
3.5 mm



TH-55LFV8  
■ Dimensions (W x H x D): 1,213.4 x 684.2 x 95 mm (47.8" x 27.0" x 3.8")  
■ Weight: Approx. 30.0 kg (66.1 lbs) ■ Power Consumption: 320 W



450 cd/m<sup>2</sup>  
Anti-Glare Low-Reflection (AGLR)  
(Haze 3 %)  
3.5 mm



TH-49LFV8  
■ Dimensions (W x H x D): 1,077.7 x 607.9 x 103.9 mm (42.5" x 24.0" x 4.1")  
■ Weight: Approx. 22.0 kg (48.5 lbs) ■ Power Consumption: 220 W

### Multi-screen Configuration for Automatically Synchronized 4K (4 x 1080p) Images

Two systems for 4K (3840 x 2160, 30p) output are supported via DisplayPort daisy chain for multi-screen layouts\*.

#### MST (Multi-Stream Transport)

MST (Multi-Stream Transport) system supports dot-by-dot display of 4K images in 2 x 2 multi-screen configuration.

#### SST (Single Stream Transport)

SST (Single Stream Transport) system supports enlarged display of 4K images in multi-screen configuration.

\* DisplayPort daisy chain supports up to 25 displays. (Supports up to 8 displays to input HDCP signal.)



### IPS Panel Improves Off-Axis Visibility

High-resolution IPS (In-Plane Switching) panel technology arrests brightness loss and reduces color inaccuracy when the screen is viewed off-center. Pictures on screen remain clearly visible even when observed from oblique angles. [Refer to page 4 for more details.](#)

### Optional Auto Display Adjustment Upgrade Kit Makes Color Adjustment Easy with a Compatible Camera

Brightness and color uniformity between multiple displays can be automatically calibrated using a compatible camera. [Refer to page 6 for more information.](#)

Peripheral Devices	Optional Accessories	
Multi-Window Processor ET-MWP100G	Installation Mount TY-VK55LV2 (For TH-55VF1H, TH-55LFV70/6/8) TY-VK49LV2 (For TH-49LFV8)	Cover Frame Kit* TY-CF55VW1 (For TH-55VF1H) TY-CF55VW50 (For TH-55LFV70/6/8)
DIGITAL LINK Switcher ET-YFB200G*1	Digital Interface Box ET-YFB100G*1	Surface Alignment Magnets (Included with Installation Mount)
		Early Warning Software ET-SWA100 series*2
		Auto Display Adjustment Upgrade Kit TY-VUK10*3

\*1 Available on LFFV70/VF1H Series only. \*2 Part number suffix may differ depending on the license type. \*3 Supports Version 1.1 or later.

**Activation of Early Warning Software** Please visit the PASS website ([panasonic.net/cns/prodisplays/pass/](http://panasonic.net/cns/prodisplays/pass/)) to activate ET-SWA100 Early Warning Software. Up to 2,048 displays and projectors can be monitored simultaneously.