

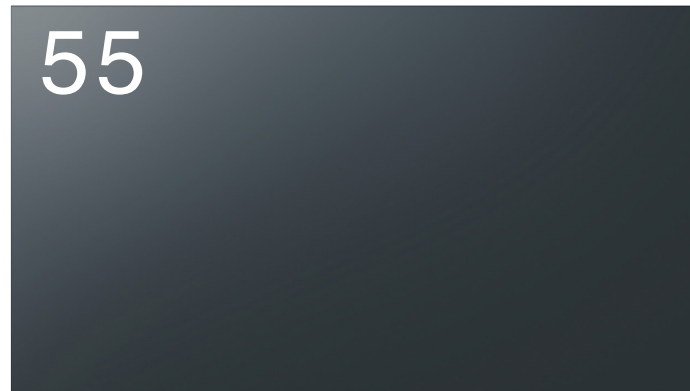
# VF1H Series

Full HD LCD Display

Available from Autumn 2016

Tentative

## Ultra-Slim-Bezel Video-Wall Displays Create Seamlessly Expansive Pictures for Signage, Surveillance, and Staging



VF1H Series	
	TH-55VF1H
Screen Size	55-inch
LCD Panel	IPS / Direct-LED
Brightness	700 cd/m <sup>2</sup>
Bezel-to-Bezel	1.8 mm [0.07"]

### Ultra-Thin Bezels and Brilliant Pictures

- Ultra-Narrow-Bezel Design for Convincingly Realistic Large-format Video-wall Images (Bezel-to-Bezel Distance: 1.8 mm [0.07"])\*<sup>1</sup>
- Energy-efficient Direct-lit LED Backlighting with Local Dimming to Optimize Brightness and Contrast According to Individual Images
- IPS Panel Enables Wider and Clearer Off-axis Visibility
- Anti-Glare (AG) Screen Surface for Clear Visibility in Bright Ambient Light
- Variety of Optimized Image Modes to Suit Different Installation Environments and Applications
- Image Optimization Technology Includes Refine Enhancer, Color Enhancement, and Gradation Smoother
- Multi-Screen Frame and Reverse Scanning Synchronization to Reduce Motion Flicker

### Reliable and Flexible for Cost Efficiency

- HDBaseT™-based DIGITAL LINK Transmits Audio, Video, and Control Signals to Multiple Displays via Single CAT 5e or Higher STP Cable in Daisy-chain Configuration
- Failover and Failback Video Signal Safeguards for Mission-Critical Situations
- Engineered for Dependable and Economical 24/7 Operation in Landscape or Portrait Mode
- Supports Optional Early Warning Software (ET-SWA100 Series)

### Simplified, Streamlined Operation

- Multi-Screen Image Syncing via USB Memory Devices for 4K Images (4 x Full HD Panels)
- Content Updates to Multiple USB Memory Devices via LAN
- Built-in USB Media Player
- Factory-Matched and Pre-Calibrated Color
- Fast and Precise Adjustable Installation with Modular Video-Wall Mounting System featuring Precision Alignment Technology
- Supports Video Wall Manager Software and Auto Camera Adjustment Kit\*<sup>2</sup> (TY-VUK10)
- Multi Monitoring & Control Software Includes Network Display Scheduling and Content Management
- Dedicated Frames and Accessories for Single, 2 x 2, 5 x 5, or 10 x 10 Installations Including New Impact Protection System

\*1 Bezel-to-bezel distance means the combined top and bottom (or left and right) bezel width of adjacent displays in multi-screen configuration. The gap between displays is not included. \*2 Requires compatible Nikon D5200/D5300 or successor camera.

## Specifications (Tentative)

Model	TH-55VF1H
Display	
Screen size (diagonal)	55-inch (1,387 mm)
Aspect ratio	16:9
Panel type	IPS Panel/Direct LED
Effective display area (W x H)	1,209 x 680 mm (47.6" x 26.8")
Resolution	1920 x 1080
Brightness (typ.)	700 cd/m <sup>2</sup>
Contrast ratio	1,200 : 1
Dynamic contrast	500,000:1
Response time	8.0 ms (G to G)
Viewing angle (CR≥10)	178 ° / 178 °
Connection terminal	
VIDEO In	BNC x 1 (Shared with Component Video/RGB In)
Audio In (L/R)	Stereo Mini-Jack (M3) x 1 (Shared with Component Video/RGB In)
HDMI In	HDMI TYPE-A connector x 1
Component Video/RGB In	BNC x 1 (Shared with VIDEO In)
Audio In (L/R)	Pin Jack x 1 set (Shared with VIDEO In)
DVI-D In	DVI-D 24-pin x 2
Audio In (L/R)	Stereo Mini-Jack (M3) x 1 (Shared with PC In)
PC In	Mini D-sub 15-pin x 1
Audio In (L/R)	Stereo Mini-Jack (M3) x 1 (Shared with DVI-D In)
DisplayPort In	DisplayPort x 1 (DP1.1, Dual Mode only)
USB	USB connector (TYPE A) x 1, DC 5 V/1 A, USB 3.0 is not supported.
DIGITAL LINK/LAN In/Out	RJ45 x 1 for network and DIGITAL LINK connection, compatible with PLink™, 100BASE-TX
Serial In/Out	D-sub 9-pin x 1, RS-232C compatible
IR In/Out	Mini-Jack (M3) x 1 / x 1
Audio Out	Stereo Mini-Jack (M3) x 1
Audio	
External Speaker	20 W [10 W + 10 W]
Electrical	
Power requirements	110–127 V AC, 50/60 Hz, 220–240 V AC, 50/60 Hz
Power consumption	TBD
Power off condition	TBD
Standby condition	TBD
Mechanical	
Dimensions (W x H x D)	1,212 x 683 x 95 mm (47.7" x 26.9" x 3.75")
Bezel width	0.9 mm (0.036")
Weight	TBD
Wall-hanging pitch	VESA compliant 400 x 400 mm (15.8" x 15.8")
Installation orientation	Landscape/Portrait
Environment	
Operating environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1,400 m altitude / 0 °C to 35 °C (32 °F to 95 °F) for between 1,400 m and 2,800 m altitude, Humidity: 10 % to 90 % (Non-condensation)
Storage environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 10 % to 90 % (Non-condensation)

## Optional Accessories

■ Installation Mount  
TY-VK55LV1■ Early Warning Software  
ET-SWA100 Series\*■ Auto Display Adjustment Upgrade Kit  
TY-VUK10 Series

\* Part number suffix may differ depending on the license type.

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