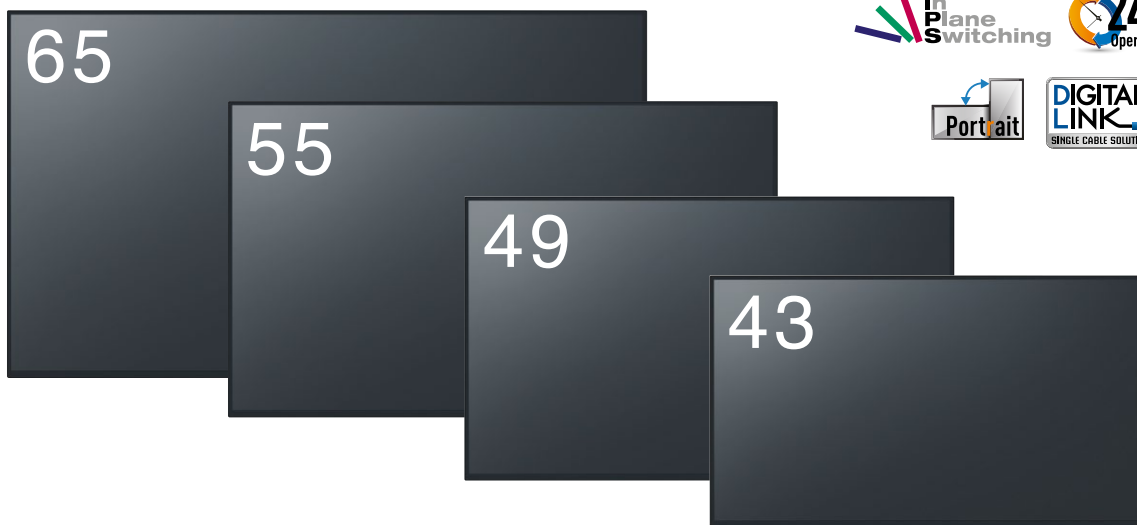


## Standard Signage Displays Are Engineered for Confident and Reliable 24/7 Operation



SF2 Series				
	TH-65SF2	TH-55SF2	TH-49SF2	TH-43SF2
Screen size	65-inch	55-inch	49-inch	43-inch
Panel/backlight	IPS / Edge LED			
Brightness	450 cd/m <sup>2</sup>			
Contrast	1,300:1		1,100:1	
Operating time	24 hours/day			

### Immersive Pictures from Advanced IPS Panel

- High 450 cd/m<sup>2</sup> Brightness Makes for Comfortable Viewing in Bright Spaces
- IPS Panel Preserves Color Accuracy and Visibility When Viewed Off-Axis
- Optimized Image Modes to Suit Specific Content, Video Sources, and Environments
- Slim-bezel Design Looks Great and Maximizes Viewable Screen Area in Smaller Physical Display Size

### Easy-to-Install Self-Contained Signage

- DIGITAL LINK Transmits Video, Audio, and Control Signals up to 150 m (492 ft)\* in Large Venues, Saving on Cabling Costs
- USB Media Player for Simple Signage Applications Without Set Top Box (STB)
- Content Management Software for Automated Signage Playback with Scheduling Function
- Data-cloning Function Copies Settings Data from Master Display via USB Memory or LAN to Slave Displays
- Easy Network Setup for Multiple Displays via USB Memory Cloning Function
- Supports CEC over HDMI® for Power On/Off Synchronized to Playback Control

### Dependable and Consistent 24/7 Imaging Performance

- Efficiency and High Reliability for Continuous 24-hour Operation
- Failback/Failover Function for Emergencies When Signals Interrupted
- Customizable Image Display On Startup and When No Signal Is Detected
- Free Multi Monitoring & Control Software to Monitor and Control up to 2,048 Devices over LAN from Single PC
- Optional ET-SWA100 Series Early Warning Software to Monitor Device Status, History, and Send Alerts if Abnormalities are Detected

## Specifications

Model	TH-65SF2	TH-55SF2	TH-49SF2	TH-43SF2
<b>Display panel</b>				
Screen size (diagonal)	65-inch (1,639 mm)	55-inch (1,387 mm)	49-inch (1,232 mm)	43-inch (1,079 mm)
Panel type	IPS/Edge LED			
Aspect ratio	16:9			
Effective display area (W x H)	1,428 x 803 mm (52.6" x 31.6")	1,209 x 680 mm (47.6" x 26.7")	1,073 x 604 mm (42.2" x 23.7")	941 x 529 mm (37.0" x 20.8")
Number of pixels (H x V)	1920 x 1080			
Brightness	450 cd/m <sup>2</sup>			
Contrast ratio	1,300:1	1,100:1		
Dynamic contrast	50,000:1			
Response time	10 ms (G to G)	12 ms (G to G)		
Viewing angle (Horizontal/vertical)	178 °/178 ° (CR ≥ 10)			
<b>Connection terminal</b>				
Video In / Audio In	4-pole Mini-jack (M3) x 1			
HDMI In	HDMI TYPE A connector x 2			
DVI-D In	DVI-D 24-pin x 1 (DVI Revision 1.0 compliant), HDCP 1.1 compatible			
Audio In (L/R)	4-pole Mini-jack (M3) x 1 (Shared with PC/Video In)			
PC In	Mini D-sub 15-pin (DDC2B compatible) x 1			
Audio In (L/R)	4-pole Mini-jack (M3) x 1 (Shared with DVI-D/Video In)			
DVI-D Out	DVI-D 24-pin x 1 (DVI Revision 1.0 compliant), HDCP 1.1 compatible			
Audio Out (L/R)	Stereo Mini-jack (M3) x 1			
USB memory	USB TYPE A connector x 1, DC 5 V/1 A (USB 3.0 is not supported)			
<b>Control</b>				
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C compatible			
LAN	RJ45 x 1, 100BASE-TX, compatible with PLink™ for TH-65SF2E and TH-65/55/49/43SF2W (Shared with DIGITAL LINK); 10BASE-T/100BASE-TX, compatible with PLink™ for TH-55/49/43SF2E and TH-65/55/49/43SF2U			
DIGITAL LINK	RJ45 x 1, 100BASE-TX, compatible with PLink™ for TH-65SF2E and TH-65/55/49/43SF2W (Shared with LAN)			
IR In/Out	Stereo Mini-jack (M3) x 1/x 1			
<b>Audio</b>				
Built-in speaker	20 W [10 W + 10 W]			
<b>Electrical</b>				
Power requirements	110–127 V AC, 50/60 Hz, 220–240 V AC, 50/60 Hz			
Power consumption	TBD	TBD	TBD	TBD
On mode average power consumption*	TBD	TBD	TBD	TBD
Power off condition	Approx. 0.3 W			
Standby condition	Approx. 0.5 W			
<b>Mechanical</b>				
Dimensions (W x H x D)	1,452 x 832 x 64 mm (57.2" x 32.8" x 2.5")	1,234 x 710 x 46 mm (48.5" x 28.0" x 1.8")	1,098 x 634 x 46 mm (43.2" x 24.9" x 1.8")	965 x 559 x 46 mm (38.0" x 22.0" x 1.8")
Bezel width	T/R/L: 9.5 mm (0.38"), B: 15.6 mm (0.62")			
Weight	Approx. 29.8 kg (65.7 lbs.)	Approx. 18.0 kg (39.7 lbs.)	Approx. 14.7 kg (32.4 lbs.)	Approx. 10.7 kg (23.6 lbs.)
Wall-hanging pitch	VESA compliant 400 x 400 mm (15.8" x 15.8")			
Installation orientation	Landscape/Portrait			
<b>Environment</b>				
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: 20 % to 80 % (Non-condensation)			
Storage environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F) Humidity: 20 % to 80 % (Non-condensation)			
Operating time**	24 hours			

\*1 Based on IEC 62087 Ed.2 measurement method. \*2 Periodical display of moving video is recommended to prevent and/or correct image burn-in where a still image is displayed for long periods.

## Optional Accessories

### ■ Pedestal

TY-ST43PE9 (43"/49")  
TY-ST65PE9 (55"/65")

### ■ Early Warning Software

ET-SWA100 Series\*

### ■ Auto Display Adjustment Upgrade Kit

TY-VUK10 Series

### ■ Digital Interface Box

ET-YFB100G

### ■ DIGITAL LINK Switcher

ET-YFB200G

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

# Panasonic®

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