

Premium Signage Displays Feature Game-changing LinkRay Technology for Enhanced Communication



SF1H Series			
	TH-55SF1H	TH-49SF1H	TH-42SF1H
Screen Size	55-inch	49-inch	42-inch
LCD Panel	IPS / Edge LED		
Brightness	700 cd/m ²		
Contrast / Dynamic Contrast	1,300:1 / 50,000:1		

Includes Light ID Technology

- Incorporates Unique Light ID Transmission Hardware Developed by Panasonic
- Light ID Transmits Data to Smartphone/ Smart Device App*1, and Efficiently Provides Specific Information to Users
- Receive Data by Aiming Smartphone Camera at Any Distance, No Close-proximity Camera Focusing, Scanning, or Processing Required
- Ideal for Communicating Information to Customers in Applications Including Digital Signage, Retail, Mass Transportation, Museum, and Exhibition
- Built-in USB Media Player Supports Light ID, Allowing Simultaneous Light ID-encoded Digital Media Display and Light ID Transmission

High Brightness and Reliability

- High 700 cd/m² Brightness with IPS Panel for Excellent Off-Axis Visibility in Bright Environments
- LED Backlit Panel Enables Bright and Detailed Picture Quality with Low Power Consumption
- Stylish Design with Narrow 6.3 mm (0.25") Bezel Maximizes Screen Display Area
- Designed for Stable Continuous 24/7 Operation
- Quick Failover and Failback Safeguards via Automatic Signal Detection and Input Switching Functions
- Robust Professional-Grade Panel Resists Image Lag and Burn-in

Practical and Cost-Effective

- DIGITAL LINK Single-Cable Connection Transmits Video, Audio, and Control Signals for Up to 150 m (492 ft)*2
- Built-in USB Media Player Provides Video and Still-image Playback via USB
- Copy and Share Settings Information Between Displays Using USB Cloning Function for Improved Picture Consistency
- DVI-D and RS-232C Daisy-chain Connection Capability (Up to 10 Units)
- Includes 10 W + 10 W Built-in Speakers

Specifications

Model	TH-55SF1H	TH-49SF1H	TH-42SF1H
Display panel			
Screen size (diagonal)	55-inch (1,387 mm)	49-inch (1,232 mm)	42-inch (1,064 mm)
Panel type	IPS/Edge LED		
Aspect ratio	16:9		
Effective display area (W x H)	1,209 x 680 mm (47.6" x 26.7")	1,073 x 604 mm (42.2" x 23.7")	927 x 521 mm (36.5" x 20.5")
Number of pixels (H x V)	1920 x 1080		
Brightness*1	700 cd/m ²		
Contrast ratio	1,300:1		
Dynamic contrast	50,000:1		
Response time	8 ms (G to G)		
Viewing angle (Horizontal/vertical)	178 °/178 ° (CR ≥ 10)		
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 2		
Component Video/RGB In	BNC x 1 set		
Audio In (L/R)	Stereo Mini-Jack (M3) x 1 (Shared with Video In)		
DVI-D In	DVI-D 24-pin x 1 (DVI Revision 1.0 compliant), HDCP 1.1 compatible		
Audio In (L/R)	Stereo Mini-Jack (M3) x 1 (Shared with PC In)		
PC In	Mini D-sub 15-pin (DDC2B compatible) x 1		
Audio In (L/R)	Stereo Mini-Jack (M3) x 1 (Shared with DVI-D 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)		
Control			
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C Compatible		
LAN/DIGITAL LINK	RJ45 x 1, 100BASE-TX, compatible with PjLink™		
IR In/Out	Stereo Mini-Jack (M3) x 1/ x 1		
Audio			
Built-in 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	190 W	175 W	155 W
On mode average power consumption*2	Approx. 145 W	Approx. 130 W	Approx. 110 W
Power off condition	Approx. 0.3 W		
Standby condition	Approx. 0.5 W		
Mechanical			
Dimensions (W x H x D)	1,229 x 699 x 72 mm (48.4" x 27.6" x 2.8")	1,093 x 623 x 72 mm (43.1" x 24.6" x 2.8")	947 x 541 x 72 mm (37.3" x 21.3" x 2.8")
Dimensions (W x H x D) (Excluding handle part)	1,229 x 699 x 57 mm (48.4" x 27.6" x 2.3")	1,093 x 623 x 57 mm (43.1" x 24.6" x 2.3")	947 x 541 x 57 mm (37.3" x 21.3" x 2.3")
Bezel width	T/R/L/B 6.3 mm (0.25")		
Weight	Approx. 24.9 kg (54.9 lbs)	Approx. 19.2 kg (42.4 lbs)	Approx. 15.5 kg (34.2 lbs)
Pitch for wall-hanging	VESA compliant 400 x 400 mm (15.8" x 15.8")		
Installation orientation	Landscape/Portrait (Angle adjustment 0–45 degrees for both left and right)		
Installation angle	0–45 degrees forward/backward with landscape/portrait setting (Angle adjustment is not possible for forward/backward tilting installation.)		
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: 20 % to 80 % (Non-condensation)		
Storage environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F) Humidity: 20 % to 80 % (Non-condensation)		
Continuous operation*3	24 hours		

*1 Approx. 75 % during optical ID transmission. Flickering might occur due to brightness changes during optical ID transmission. *2 Based on IEC 62087 Ed.2 measurement method. *3 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-ST43PE8

■ 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.

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Display Global Website – panasonic.net/cns/prodisplays
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