Brilliant, Highly Visible Signage even in Open Spaces with Natural Lighting.

SF1H Series

**Screen Size**
- TH-55SF1H: 55-inch
- TH-49SF1H: 49-inch
- TH-42SF1H: 42-inch

**LCD Panel**
- TH-55SF1H: IPS / Edge LED
- TH-49SF1H: IPS / Edge LED
- TH-42SF1H: IPS / Edge LED

**Brightness**
- TH-55SF1H: 700 cd/m²
- TH-49SF1H: 700 cd/m²
- TH-42SF1H: 700 cd/m²

**Contrast / Dynamic Contrast**
- TH-55SF1H: 1,300:1 / 50,000:1
- TH-49SF1H: 1,300:1 / 50,000:1
- TH-42SF1H: 1,300:1 / 50,000:1

**High Image Quality and Visibility**
- High 700 cd/m² Brightness with IPS Panel for Excellent Off-Axis Visibility in Bright Environments
- The IPS Panel Has a Wide Viewing Angle and Minimal Color Fluctuations
- 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

**Durability**
- Robust Professional-Grade Panel Resists Image Lag and Burn-In
- Quick Failover and Failback Safeguards via Automatic Signal Detection and Input Switching Functions
- Designed for Stable Continuous 24/7 Operation

**Practical and Cost-Effective**
- DIGITAL LINK Single-Cable Connection Transmits Video, Audio, and Control Signals for Up to 150 m (492 ft)*
- 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

* Requires CAT 5e STP cable or above.
## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>TH-55SF1H</th>
<th>TH-49SF1H</th>
<th>TH-42SF1H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen size</td>
<td>55-inch (1,387 mm)</td>
<td>49-inch (1,232 mm)</td>
<td>42-inch (1,064 mm)</td>
</tr>
<tr>
<td>Panel type</td>
<td>IPS/Edge LED</td>
<td>IPS/Edge LED</td>
<td>IPS/Edge LED</td>
</tr>
<tr>
<td>Panel contrast</td>
<td>1,300:1</td>
<td>1,300:1</td>
<td>1,300:1</td>
</tr>
<tr>
<td>Effective area</td>
<td>1,209 x 680 mm (47.6” x 26.7”)</td>
<td>1,073 x 604 mm (42.2” x 23.7”)</td>
<td>927 x 521 mm (36.5” x 20.5”)</td>
</tr>
<tr>
<td>Number of pixels</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
<td>1920 x 1080</td>
</tr>
<tr>
<td>Brightness</td>
<td>700 cd/m²</td>
<td>700 cd/m²</td>
<td>700 cd/m²</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>1,300:1</td>
<td>1,300:1</td>
<td>1,300:1</td>
</tr>
<tr>
<td>Response time</td>
<td>8 ms (G to G)</td>
<td>8 ms (G to G)</td>
<td>8 ms (G to G)</td>
</tr>
<tr>
<td>Viewing angle (horizontal/vertical)</td>
<td>178 °/178 ° (CR ≥ 10)</td>
<td>178 °/178 ° (CR ≥ 10)</td>
<td>178 °/178 ° (CR ≥ 10)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 24.9 kg (54.9 lbs)</td>
<td>Approx. 19.2 kg (42.4 lbs)</td>
<td>Approx. 15.5 kg (34.2 lbs)</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>1,229 x 699 x 72 mm (48.4” x 27.6” x 2.8”)</td>
<td>1,093 x 623 x 72 mm (43.1” x 24.6” x 2.8”)</td>
<td>947 x 541 x 72 mm (37.3” x 21.3” x 2.8”)</td>
</tr>
<tr>
<td>Power requirements</td>
<td>110–127 V AC, 50/60 Hz, 220–240 V AC, 50/60 Hz</td>
<td>190 W</td>
<td>155 W</td>
</tr>
<tr>
<td>Power consumption</td>
<td>175 W</td>
<td>Approx. 130 W</td>
<td>Approx. 110 W</td>
</tr>
<tr>
<td>Power on/Off condition</td>
<td>Approx. 5.3 W</td>
<td>Approx. 5.3 W</td>
<td></td>
</tr>
<tr>
<td>Standby condition</td>
<td>Approx. 0.5 W</td>
<td>Approx. 0.5 W</td>
<td></td>
</tr>
</tbody>
</table>

### Audio
- **Built-in speaker**: 20 W [10 W + 10 W]

### Mechanical
- **Bezel width**: 1/8” (0.3 mm)
- **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)

### 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)

### Continuous operation
- 24 hours

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### Optional Accessories
- **Pedestal**: TY-ST43PE8
- **Early Warning Software**: ET-SWA100 Series*
- **Auto Display Adjustment Upgrade Kit**: ET-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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For more information about Panasonic Professional Displays, please visit:
- Display Global Website – panasonic.net/cns/prodisplays
- YouTube – www.youtube.com/PanasonicProDisplay

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