

Screen Size	80-inch	70-inch
Brightness	700 cd/m ²	
Contrast Ratio	5000:1	
LCD Panel	VA/Edge LED	

TH-80SF2H

TH-70SF2H



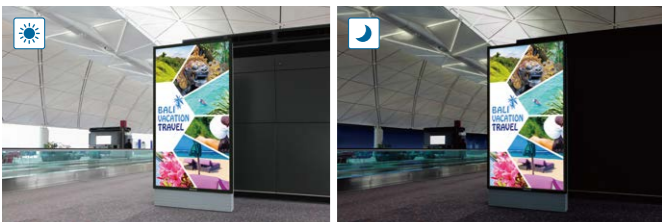
Brilliant, High-Quality 700-cd/m² Images for Bright Lobbies

The SF2H Series provides highly visible signage even in open spaces with natural lighting. Blending into surrounding spaces, it has an eye-catching effect even when people are moving.

Efficiency and Reliability for Continuous 24-hour Operation

The use of highly durable panel materials and quality electronic components ensures dependable 24-hour operation seven days a week.

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



Choose the Installation to Match Your Application

You can install it vertically or horizontally to match the space, and tilt it 20 degrees forward or back. For installation in high places, tilt the unit for better visibility. You can also use a bracket that complies with VESA standards to suspend it from the ceiling or mount it to a wall for freely flexible installation.



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For the latest information about Panasonic Professional Display, please visit:
Professional Display Global Website: panasonic.net/cns/prodisplays/
YouTube: www.youtube.com/PanasonicProDisplay
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All information included here is valid as of April 2020.

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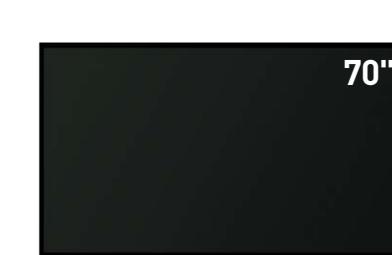
TH-80SF2H TH-70SF2H

FULL HD LCD Display

Large-Screen Displays for Clear Information Transmission in Public Spaces Such as Train Stations, Airports, and Bright Lobbies



80-inch class
TH-80SF2H



70-inch class
TH-70SF2H



1. Simple, flexible installation to match the space

Easy Display of Images Optimized for the Display Content

You can select the best mode for the video source and the place of display.



Vivid Signage
Displays images suitable for signage in a bright environment.

Natural Signage
Displays images with priority on natural color reproduction.

Standard
Displays images faithful to the original.



Surveillance
Displays images with reduced brightness and with priority on gradation.

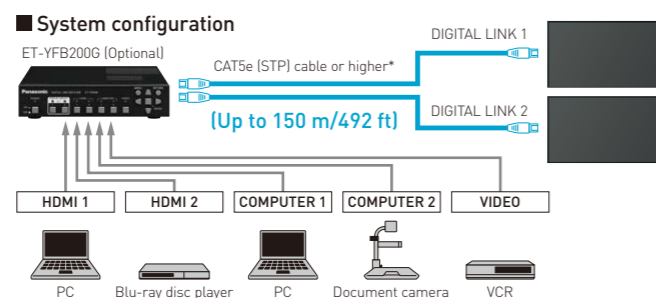
Graphic
Suitable for PC input.

DICOM*
Display images close to the DICOM Part 14 Grayscale Standard.

*Although the term "DICOM" is used, this product is not medical equipment. Do not use displayed images for medical purposes such as examination or diagnosis.

DIGITAL LINK Function Enables Simple Installation and Low System Costs

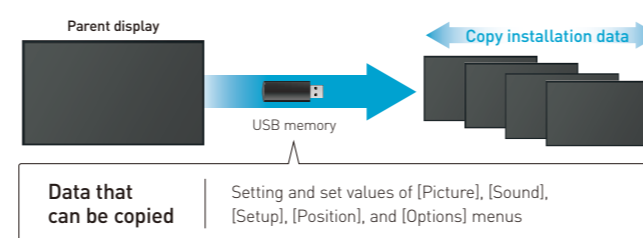
Using DIGITAL LINK makes it possible to transmit video, audio and control signals over an up to 150 m (492 ft) with a single LAN cable.* Easy cabling also reduces labor during setup. This provides transmission of high-quality images and sounds, as well as remote control.



* When connected with the [Long reach] mode, the maximum transmission distance is 150 m (492 ft). In this case, the unit can receive the signals of up to 1080/60p. A CAT5e (STP) cable or higher is required.

Cloning Function Saves Labor When Setting Up Multiple Devices

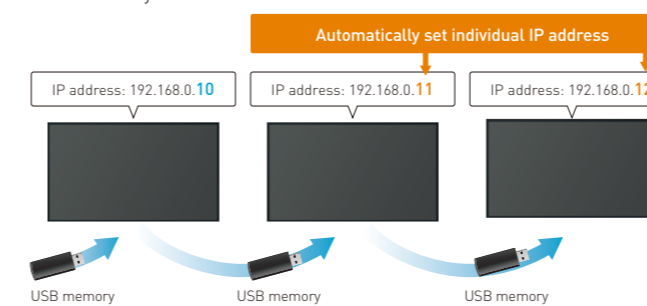
When installing multiple displays, the Cloning function lets you use a USB memory (or LAN network) to copy the settings of a parent display to other units, thus greatly shortening the setup time.



*The Cloning function works only for displays with the same Series, and screen size.
* [Date & Time], [Network Settings], [LAN Settings] and Display ID cannot be copied.
* If it is difficult to insert a USB memory due to installation conditions, use a commercially available extension cable.

USB Memory Network Settings

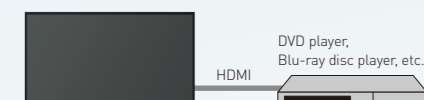
Using a USB memory device, the network setting can be made for multiple displays. Individual IP addresses for each unit are automatically set.



2. Easy operation immediately after installation

HDMI CEC Device Linking Supported

HDMI-CEC compatible devices can be connected to the display by an HDMI cable, enabling the basic operations (such as power ON/OFF), of the compatible devices to be controlled by the display's remote control.



Basic operations controlled by a single remote control.

*The control of all devices cannot be guaranteed.

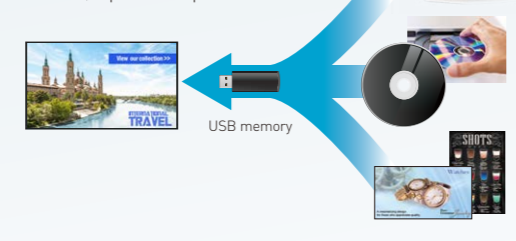
Various Types of Signage Operation are Possible

The SF2H Series can automatically start showing pictures when a USB memory containing data is inserted. The display unit can be used as digital signage without a set-top box or PC.

Still Image	JPG, JPEG, JPE, BMP
Motion Image	AVI, MKV, ASF, WMV, TS, MTS, MP4, 3GP, MOV, FLV, F4V

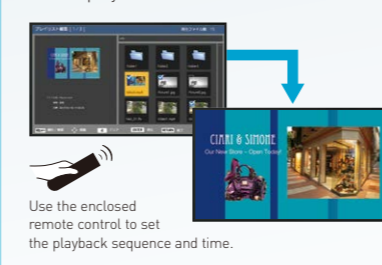
For USB Media

Simply insert a USB memory stick containing video or still-image content into the main unit for automatic playback in file sequence (number, alphabet sequence).



Use the Remote Control to Edit the Playlist

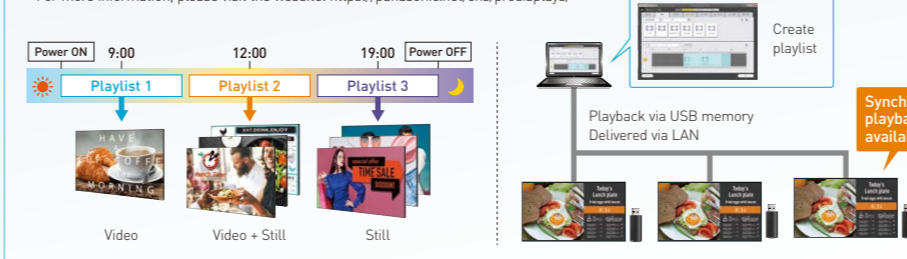
Use the main unit's remote control to set the playback sequence and playback time for the content saved onto the USB memory stick to edit the playlist.



Personal computer software enables even easier and more convenient content playback and management

Content Management Software for PC Version 3.1 (free) enables easy playlist creation with media support including combinations of still and video images. You can set up schedules for playing and closing your media playlist at predetermined dates and times.

* For more information, please visit the website: <https://panasonic.net/cns/prodisplays/>

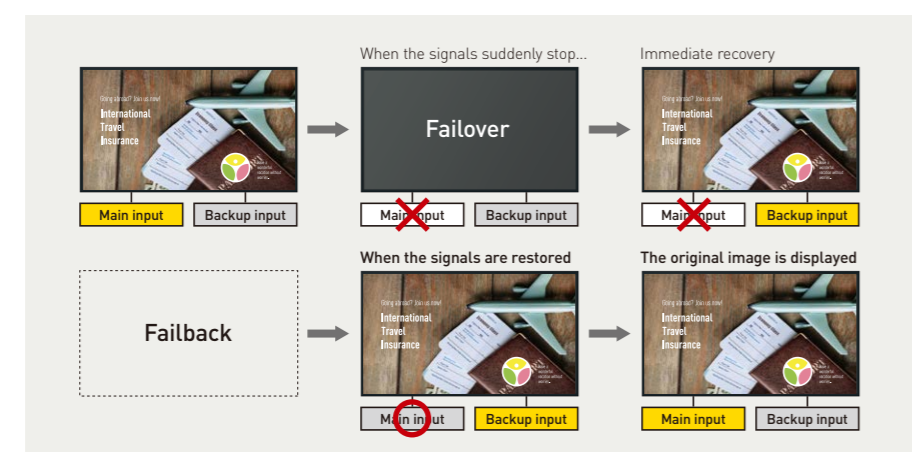


3. Safe use by totally managing the entire system

Failover and Failback Safeguards for Mission Critical Situations

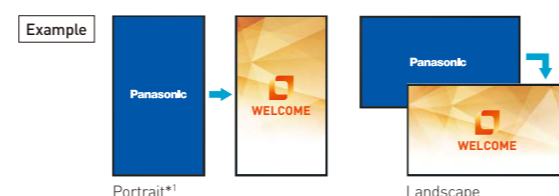
Failover and failback functions prevent image interruption when trouble occurs. Equipped with failover and failback functions with 2-system input switching to prevent image interruption.

*The usable combinations of main and backup signals are limited. For details, see the product manual.



Switches to the original screen when starting up and when there is no signal

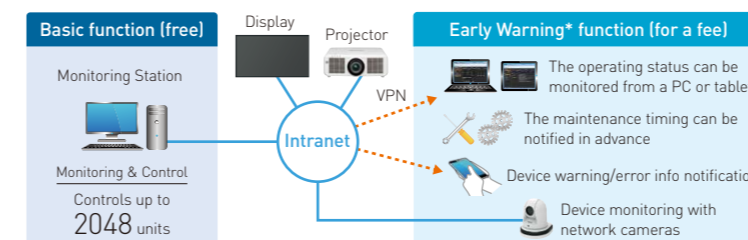
The Startup Image Settings function can be used to display your company's logo, a brand image, or any desired image when starting up the display or when there is no signal transmitted.



*Certain limitations apply to the format for original screen.
**Compatible with 1920 x 1080 resolution only.
*1 When mounting portrait setting, be sure to mount with the main unit's power lamp facing downward.

Multi Monitoring & Control Software

Compatible with Multi Monitoring & Control Software for addition of new functions, such as automatic searching for map displays and registered devices. Displays and peripheral equipment on the intranet can be controlled and their status can be monitored. Also error notification and error indication can be detected by an indication monitoring function (for a fee) for improved maintenance.



Product specification

Model	TH-80SF2H	TH-70SF2H
Display panel		
Screen size (diagonal)/Aspect ratio	80-inch (2032 mm)/16:9	70-inch (1765 mm)/16:9
Panel type	VA/Edge LED	
Effective display area (W x H)	1771 x 996 mm	1538 x 865 mm
Number of pixels (H x V)	1920 x 1080	
Brightness	700 cd/m ² (typ)	
Contrast ratio	5000:1	
Dynamic contrast	50000:1	
Response time [G to G]	4.0 ms	8.0 ms
Viewing angle (Horizontal/Vertical)	176°/176°(CR>10)	
Connection terminal		
HDMI In	HDMI Type A Connector x 2	
Video/Audio In	4-pole Mini-jack (M3) x 1 [Shared with DVI-D/PC In]	
DVI-D In/Out	DVI-D 24-pin x 1/x 1 [DVI Revision 1.0 compliant], HDCP 1.1 compatible	
PC In	Mini D-sub 15-pin [DDC2B compatible] x 1	
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C compatible	
IR In/Out	Stereo Mini-jack (M3) x 1/x 1	
Audio Out	Stereo Mini-jack (M3) x 1	
DIGITAL LINK/LAN	RJ45 x 1, 100BASE-TX, compatible with PLink™	
USB	USB TYPE A connector x 1, DC 5 V/1 A [USB 3.0 is not supported]	
Audio		
Built-in speakers	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	380 W	235 W
On mode average power consumption **	356 W	205 W
Power off condition/Standby condition	Approx. 0.3 W / Approx. 0.5 W	
Mechanical		
Dimensions (W x H x D)	1835 x 1060 x 82 mm (72.3" x 41.8" x 3.3")	1580 x 919 x 80 mm (62.2" x 36.2" x 3.2")
Weight	Approx. 62 kg [135 lbs.]	Approx. 45 kg [99 lbs.]
Bezel width	R/L/T/B: 28.5 mm (1.12")	R/L: 18.6 mm (0.73"), T/B: 23.6 mm (0.92")
Wall-hanging pitch	VESA compliant 600 x 400 mm [23.6" x 15.8"]	
Orientation**		
Installation orientation	Landscape/Portrait**/Angle adjustment 0-45 degrees for both left and right (landscape setting only)	
Tilting angle	0-20 degrees forward/backward with landscape/portrait setting [Angle adjustment is not possible for forward/backward tilting installation.]	
Operating time**	24 h/day	
Environment		
environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m altitude / 0 °C to 35 °C (32 °F to 95 °F) for between 1,400 m and 2800 m altitude, Humidity: 20 % to 80 % [Non-condensation]	

*1 Based on IEC 6087 Ed.2 measurement method.
*2 Please contact your sales representative with regard to the tilt angle before installation.
*3 In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.
*4 When mounting portrait setting, be sure to mount with the main unit's power lamp facing downward.
Note: Due to the terminal block construction, some connection cables and USB memory devices cannot be used. Be sure to check the "CONNECTION TERMINAL" information in the product specification sheet.
For more information about product specifications, please visit the website: https://panasonic.net/cns/prodisplays/download/spec_manual/

Free Software Description

Use personal computer software (only the Windows version is free) to support signage operation efficiency. This enhances sales promotion and strengthens facility services.

•To download the software, please visit the website: <https://panasonic.net/cns/prodisplays/download/software/>

Multi Monitoring & Control Software (Ver. 3.0)

Using a LAN network, a single personal computer can monitor and control up to 2048 displays. The indication monitoring function can be used for 90 days free of charge. A content list distribution function also supports signage operation.



Content Management Software (Ver. 3.3)

A playlist can be created by combining still images and videos. A number of playlists can also be set into a timetable and scheduled. The timetable can then be distributed via LAN network to USB memory inserted into the display.



Optional Accessories

Pedestal TY-ST75PE9

Early Warning Software*1 ET-SWA100 Series*2

*1 Multi Monitoring & Control Software Ver. 2.0 or later is required.
*2 Part number suffix may differ depending on the license type.

Video Wall Manager and Auto Display Adjustment Upgrade Kit TY-VUK10

*Supports Version 1.8 or later.

Digital Interface Box ET-YFB100G



DIGITAL LINK Switcher ET-YFB200G



•Display images and images on screen are simulated.