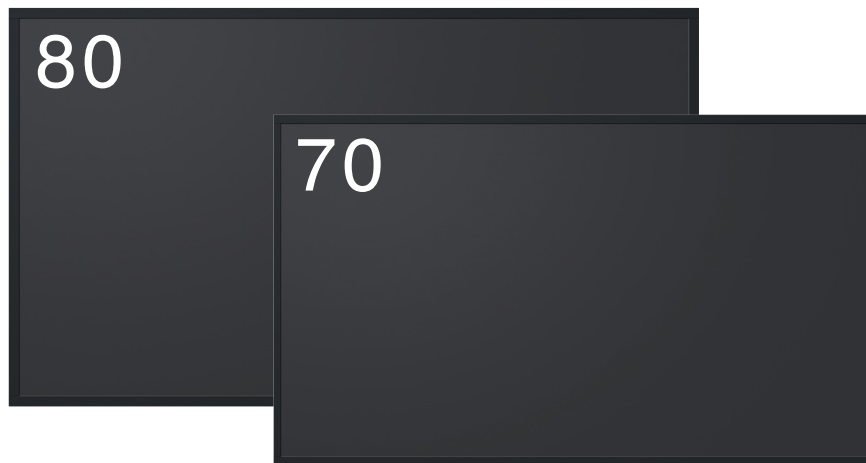# Panasonic
BUSINESS

SF2H Series
Indoor Signage Displays

Available from December 2017

With Bigger Screen Sizes and Higher Brightness, Standard Signage Now Reaches Further

SF2H Series		
	TH-80SF2H	**TH-70SF2H**
Screen size	80-inch	70-inch
Panel/backlight	VA / Edge LED	
Brightness	700 cd/m^2 (typ)	
Contrast	5,000:1 (typ)	
Operating time	24 hours/day	

Clear, Immersive, High-Brightness Pictures

- High 700 cd/m^2 Brightness Makes for Comfortable Viewing in Bright Spaces
- 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
- Supports CEC Over HDMI® for Power On/Off Synchronized to Playback Control
- Supports Panasonic LinkRay™ Light ID Transmission Technology for Augmented Digital Signage

Dependable and Consistent 24/7 Imaging Performance

- Efficiency and High Reliability for Continuous 24-hour Operation
- Failover/Failback Function Switches to Backup Signal When Primary Signal is 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 a Single PC
- Optional ET-SWA100 Series Early Warning Software to Monitor Device Status, History, and Send Alerts if Abnormalities are Detected

* 150 m (492 ft) transmission available only with ET-YFB200G DIGITAL LINK Switcher for signals up to 1080/60p (dot clock frequency 148.5 MHz) in Long Reach Mode.

Specifications

Model	TH-80SF2H	TH-70SF2H
Display panel		
Screen size (diagonal)	80-inch (2,032 mm)	70-inch (1,765 mm)
Panel type	VA/Edge LED	
Aspect ratio	16:9	
Effective display area (W x H)	1,771 x 996 mm (69.7″ x 39.2″)	1,538 x 865 mm (60.5″ x 34.0″)
Number of pixels (H x V)	1920 x 1080	
Brightness	700 cd/m^2 (typ)	
Contrast ratio	5,000:1 (typ)	
Dynamic contrast	50,000:1	
Response time	4 ms (typ) (G to G)	8 ms (typ) (G to G)
Viewing angle (Horizontal/vertical)	176°/176° (CR ≥ 10)	
Connection terminal		
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)	
Control		
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C compatible	
LAN	RJ45 x 1, 100BASE-TX, compatible with PJLink™ (Shared with DIGITAL LINK)	
DIGITAL LINK	RJ45 x 1, 100BASE-TX, compatible with PJLink™ (Shared with LAN)	
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	380 W	235 W
On mode average power consumption*1	324 W	186.2 W
Power off condition	0.3 W	
Standby condition	0.5 W	
Mechanical		
Dimensions (W x H x D)	1,835 x 1,060 x 82 mm (72.3″ x 41.8″ x 3.3″)	1,580 x 919 x 80 mm (62.2″ x 36.2″ x 3.2″)
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″)
Weight	62 kg (135 lbs)	45 kg (99 lbs)
Wall-hanging pitch	VESA compliant 600 x 400 mm (23.6″ x 15.8″)	VESA compliant 400 x 400 mm (15.8″ x 15.8″)
Installation orientation	Landscape/Portrait*2	
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)	
Operating time*3	24 hours	

Optional Accessories

▪ Pedestal	▪ Early Warning Software	▪ Auto Display Adjustment Upgrade Kit	▪ Digital Interface Box	▪ DIGITAL LINK Switcher
TY-ST75PE9	ET-SWA100 Series*4	TY-VUK10*5	ET-YFB100G	ET-YFB200G

*1 Based on IEC 62087 Ed.2 measurement method. *2 When installing the display vertically, ensure the power indicator side is down. *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. *4 Part number suffix may differ depending on the license type. *5 Supports from Ver. 1.8 or later.

Panasonic ®

For more information about Panasonic Professional Displays, please visit:
Display Global Website – **panasonic.net/cns/prodisplays**
YouTube – **www.youtube.com/PanasonicProDisplay**

All information included here is valid as of October 2017.

SF2HPRE2 Printed in Japan.