Panasonic

Professional Digital Signage Displays Featuring Android™-Based App Platform

LED 24/7 Operation

Narrow Portrait

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LF8P Series			
	TH-55LF8P	TH-49LF8P	TH-42LF8P
Screen Size	55-inch	49-inch	42-inch
Brightness	500 cd/m^2		
Power Consumption	TBD	TBD	TBD
LCD Panel	IPS / Edge LED		
Orientation	Landscape / Portrait		

Adaptable and Versatile with Excellent Reliability

- Incorporates High Performance SoC (System on a Chip) with 1 GHz Quad-Core CPU, 1 GB RAM, 8 GB Storage, and Android™/HTML5 Compatibility

- Supported by Alliance with a Leading Signage Software Developer to Jointly Verify Application Operation

- Robust Professional-Grade Panel Engineered for Continuous 24/7 Operation

- Early Warning Software (ET-SWA100)*[1] Allows System Failures to Be Anticipated or More Easily Identified

Simple Installation and Easy Operation

- Built-in Media Player and Onboard Wi-Fi Simplifies Installation and Cabling Complexity without Need for External STBs

- Easily Update Display Media and Scheduling via Internet

- Provides Panasonic API*[2] to Efficiently Control and Monitor Applications via Network

- Incorporates USB and SD Card Interfaces for Media Playback in Offline Environments

- Display Content Can Be Saved to USB and SD Card via Network

- Compliant with UVC (USB Video Class), Expanding Functionality When Linking Cameras for Advertising and Information Distribution

High Brightness, Resolution, And Off-Axis Visibility

- Bright 500 cd/m^2 IPS Panel for Excellent Off-Axis Visibility in Environments with High Ambient Light Levels

- Stylish Design with Narrow 6.3 mm Bezel for Beautiful Large-Format Images

- Color-Matching Function Improves Color Performance with 6-Segment Color Correction

- Refine Enhancer Function Improves Detail Resolution for Crisp and Clear Images

- Preset Optimal Image Mode Available via Application to Attract Customers' Attention

Specifications (Tentative)

Model	TH-55LF8P	TH-49LF8P	TH-42LF8P
Display			
Screen size (diagonal)	55-inch (1388 mm)	49-inch (1232 mm)	42-inch (1065 mm)
Panel type	IPS/Edge LED		
Aspect ratio	16:9		
Effective display area (W x H)	1210 x 680 mm (47.6″ x 26.7″)	1074 x 604 mm (42.2″ x 23.8″)	928 x 522 mm (36.5″ x 20.5″)
Number of pixels (H x V)	1920 x 1080 pixels		
Brightness (typ.)	500 cd/m^2		
Contrast ratio	1300:1		
Response time	8 ms (G to G)		
Viewing angle	178 ° / 178 ° (CR ≥10)		
Application platform			
OS	Android 4.4.2		
CPU	Cortex-A9, 1.0 GHz (QHD)		
Memory	RAM 1 GB / ROM 8 GB		
Connection terminal for application platform			
LAN	RJ45 x 1 for network connection, 10BASE-T/100BASE-TX, compatible with PJLink™		
USB	USB connector (TYPE A) x 3, DC 5 V/1 A (TBD)		
USB-OTG	Micro USB x 1		
SD card slot	Micro SD/SDHC card slot x 1 (Max. 32 GB)		
Wireless LAN	IEEE 802.11a/b/g/n		
Connection terminal			
Video In/Audio In (L/R)	BNC x 1 set (shared with Component In) / stereo mini-jack (M3) x 1 (shared with Component In)		
Component In/Audio In (L/R)	BNC x 1 set (shared with Video In) / stereo mini-jack (M3) x 1 (shared with Video In)		
HDMI In	TYPE-A connector x 2		
DVI-D In/Audio In (L/R)	DVI-D 24-pin x 1 / stereo mini-jack (M3) x 1 (shared with PC In)		
DVI-D Out	DVI-D 24-pin x 1		
PC In/Audio In (L/R)	Mini D-sub 15-pin x 1 / stereo mini-jack (M3) x 1 (shared with DVI-D In)		
Audio Out	Stereo mini-jack (M3) x 1		
USB	USB connector (TYPE A) x 1, DC 5 V/1 A		
Control			
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C compatible		
LAN	RJ45 x 1, 10BASE-T/100BASE-TX, compatible with PJLink™		
IR In/Out	Mini-jack (M3) x 1 / x 1		
Speaker			
Built-in speaker	20 W [10 W + 10 W]		
Electrical			
Power requirements	110–127/220/220–240 V AC, 50/60 Hz		
Power consumption	TBD	TBD	TBD
Power off condition	TBD	TBD	TBD
Standby condition	TBD	TBD	TBD
Mechanical			
Dimensions (W x H x D)	1229 x 699 x 72 mm/48.4″ x 27.5″ x 2.8″ (TBD)	1093 x 623 x 72 mm/43.0″ x 24.5″ x 2.8″ (TBD)	947 x 541 x 72 mm/37.3″ x 21.3″ x 2.8″ (TBD)
Dimensions (W x H x D) (excluding handle part)	1229 x 699 x 57 mm/ 48.4″ x 27.5″ x 2.3″ (TBD)	1093 x 623 x 57 mm/ 43.0″ x 24.5″ x 2.3″ (TBD)	947 x 541 x 57 mm/ 37.3″ x 21.3″ x 2.3″ (TBD)
Bezel width	T/B/R/L: 6.3 mm/0.25″		
Weight	TBD	TBD	TBD
Wall-hanging pitch	VESA compliant 400 x 400 mm (15.8″ x 15.8″)		VESA compliant 200 x 200 mm (7.9″ x 7.9″)
Installation			
Orientation	Landscape/Portrait		
Environment			
Operating 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 1400 m and 2800 m altitude) / Humidity: 20–80 % (non-condensation) / Altitude: 0–2800 m		

Optional Accessories

■ **Pedestal**
TY-ST43PE8

■ **Early Warning Software**
ET-SWA100

■ **Auto Display Adjustment Upgrade Kit**
TY-VUK10

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

All information included here is valid as of June 2015.

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