Panasonic

FULL HD 1920×1080p   IPS LED   HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE   DIGITAL LINK SINGLE CABLE SOLUTION

TH-55LF6/TH-47LF6/TH-42LF6 FULL-HD LED LCD DISPLAYS

STANDARD LCD DISPLAYS FOR SIGNAGE USE WITH HIGH PICTURE QUALITY AND VERSATILE FUNCTIONS
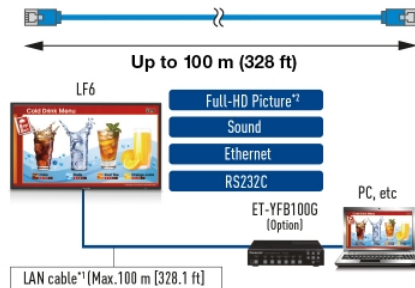
High Picture Quality and Ecology

The wide-viewing-angle IPS panel and LED backlight provide a thin and lightweight profile with low power consumption.

System Expandability

The DIGITAL LINK function enables simple installation and low system costs.

High Reliability

Continuous 24/7 operation for reliable performance and stylish slim design.

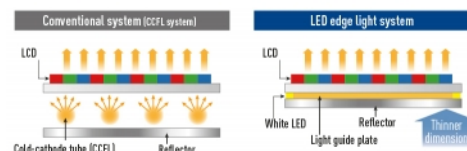Flexible installation to meet various display needs.

Product specification

Model No.	TH-55LF6	TH-47LF6	TH-42LF6
DISPLAY			
Screen Size (Diagonal)	55-inch Class (1,387 mm)	47-inch Class (1,192 mm)	42-inch Class (1,067 mm)
Aspect Ratio	16 : 9		
Panel Type	IPS/ E-LED		
Effective Display Area (W x H)	1,209 x 680 mm (47.6" x 26.7")	1,039 x 584 mm (40.9" x 23.0")	930 x 523 mm (36.6" x 20.6")
Number of Pixels (H x V)	1,920 x 1,080 pixels		
Brightness	450 cd/m²		
Contrast Ratio	1,300 : 1		
Response Time	12 ms (G to G)		
Viewing Angle (Horizontal/Vertical)	178° / 178°		
CONNECTION TERMINAL			
VIDEO In/ Audio In (L/R)	BNC x 1 / RCA Pin (L/R) x 1 set		
HDMI In	HDMI Type A Connector x 2		
Component In/ Audio In (L/R)	BNC x 1 / RCA Pin (L/R) x 1 set		
DVI-D In/Audio In (L/R)	DVI-D 24-pin x 1 / M3 Jack x 1 (Shared with PC In)		
PC In/Audio In (L/R)	Mini D-Sub 15-pin x 1 / M3 Jack x 1 (Shared with DVI-D In)		
DVI-D Out	DVI-D 24-pin x 1		
CONTROL			
Serial In/Out	D-Sub 9-pin x 1 / x 1, RS-232C Compatible		
Digital Link	RJ45 x 1 (Shared with LAN)		
LAN	RJ45 x 1, 10BASE-T / 100BASE-TX (Shared with DIGITAL LINK)		
IR In/Out	IR x 1 / x 1		
AUDIO			
Line Out (VAO)	M3 Jack x 1		
Built-in Speakers	10 W [5 W + 5 W]		
ELECTRICAL			
Power Requirements	AC 100-240 V, 50 Hz / 60 Hz		
Power Consumptions	150 W	140 W	125 W
Stand-by Conditions/Power Off Condition	0.5 W / 0.3 W	0.5 W / 0.3 W	0.5 W / 0.3 W
MECHANICAL			
Dimensions (W x H x D)	1,248 x 718 x 68 mm (49.1" x 28.3" x 2.7")	1,076 x 621 x 68 mm (42.4" x 24.5" x 2.7")	967 x 560 x 68 mm (38.1" x 22.1" x 2.7")
Bezel Width	16 mm (0.7")		
Weight	25.8 kg	16.7 kg	14.5 kg
ENVIRONMENTAL			
Operating Environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) /Humidity: 20% to 80% (Non Condensation)		
OTHER FUNCTIONS			
Built-in Speaker	Yes		
OPTIONAL ACCESSORIES			
Pedestal	TY-ST58P20 and TY-ST42P50		

IPS panel and LED backlight provide a thin and lightweight profile with low power consumption

Detailed full-HD picture quality and the wide viewing angle of the IPS panel produce clear, beautiful images in large spaces. The use of an LED backlight allows signage to be used for long periods with excellent visibility and low power consumption to help reduce running costs.

Conventional system (CCFL system)

The CCFL system requires the installation of multiple tubes that illuminate in the same way as fluorescent lamps behind the LCD panel. Thus, the display unit becomes thick.
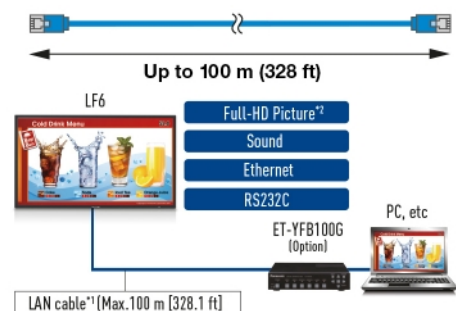
LED edge light system

The edge light system requires a small number of LED units because the lights are installed only on the edges of the LCD panel. This saves energy. The display unit can also be made thin and light.

DIGITAL LINK function enables simple installation and low system costs

Using DIGITAL LINK makes it possible to transmit video, audio and control signals over a long distance (up to 100 m [328.1 ft]) with a single LAN cable[*1]. Easy cabling also reduces labour during setup. This provides transmission of high-quality images and sounds, as well as remote control.

*1: CAT5e (STP) cable or higher. *2: WUXGA (1,920 × 1,200 pixels) compatible.
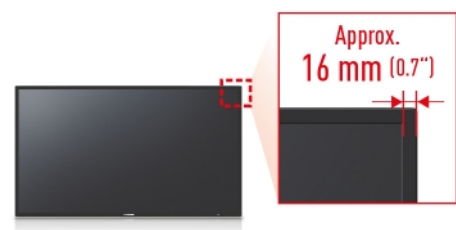
Continuous 24/7 operation

The highly durable panel can be operated continuously for 24/7. It makes the display panel suitable for use all day and night in places such as restaurants and transportation facilities.

Stylish slim design

The slim display is only 68 mm (2.7") in depth and with a narrow bezel of 16 mm (0.7") achieves a stylish design with a thin profile which is lightweight.

For more information about Panasonic displays, please visit:
Display Web Site – business.panasonic.co.uk/visual-system

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