



42-inch Class FULL HD LCD Display TH-42LF20U

● Product specification (design and specification subject to change without notice)

■ DISPLAY PANEL

Screen Size (Diagonal)	42-inch class
Aspect ratio	16:9
Effective Display Area (W x H)	36.6" x 20.6" (930 x 523 mm)
Number of pixels (H x V)	1920 x 1080 pixels
Brightness (Typ)	700 cd/m ²
Contrast Ratio	1200:1
Response Time	9 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178° / 178°

■ CONNECTION TERMINAL (TBD)

VIDEO IN	BNC x 1	1.0 V [p-p] (75Ω)
S-VIDEO IN	Mini DIN 4 pin x 1	Y: 1.0 V [p-p] (75Ω), C: 0.286 V [p-p] (75Ω)
AUDIO IN (VIDEO, S-VIDEO)	RCA (L/R) x 1 set	0.5 V [rms]
HDMI IN	HDMI x 2 (1.3a : Deep Color compatible)	
COMPONENT/RGB IN	BNC x 3	Y/G : with sync 1.0 V [p-p] (75Ω) P _B /B, P _R /R : 0.7 V [p-p] (75Ω) R/B : 0.7 V [p-p] (75Ω)
AUDIO IN	RCA (L/R) x 1 set	0.5 V [rms]
DVI-D IN	DVI-D 24pin (HDCP compatible) x 1	
PC IN	MINI D-SUB 15PIN x 1 (Female) Plug & Play (VESA DDC 2B)	Y/G : with sync 1.0 V [p-p] (75Ω) P _B /B, P _R /R : 0.7 V [p-p] (75Ω) HD/VD : 1.0~5.0 V [p-p] (high impedance)
AUDIO IN (DVI-D, PC)	M3 JACK x 1	0.5 V [rms]
SERIAL	D-SUB 9PIN x 1 (Mele) (EXTERNAL CONTROL TERMINAL), RS-232C COMPATIBLE	

■ ELECTRICAL

Power Requirements	110-127V AC, 50Hz/60Hz
Power Consumption	250W
Power off condition	0.1W
Stand-by condition	0.1W

■ AUDIO

Built-in Speakers	10W [5W + 5W] (10%THD)
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■ MECHANICAL

Dimensions (W×H×D)	38.2" x 22.1" x 4.0" (968 x 561 x 101 mm)
Bezel Width	0.7" (18mm)
Carton Dimensions (W×H×D)	9" x 44" x 28" (210 x 1099 x 707 mm)
Weight	approx. 38.8 lbs. (17.6kg)
Gross weight	approx. 46.3 lbs. (21.0kg)
Cabinet Color	Black
VESA mount	15.8" x 15.8" (400 x 400 mm)

■ ENVIRONMENTAL

Operating environment	Temperature	: 32°F to 104°F (0°C to 40°C)
	Humidity	: 20% to 80% (Non condensation)
Storage environment	Temperature	: -4°F to 140°F (-20°C to 60°C)
	Humidity	: 20% to 90% (Non condensation)

■ STANDARD (CERTIFICATIONS)

SAFETY REGULATIONS	UL6500 Ver.2
RADIATION REGULATIONS	FCC Part 15 Class-B, ICES-003

■ REMOTE CONTROL TRANSMITTER

Power Requirements	DC 3V (2 x AA Size batteries)
Operation distance	approx. 23 ft (7m) in front of plasma display
Weight	approx. 3.5 oz (100g) including batteries

INCLUDED ACCESSORIES	- AC cord - Operating instruction book - Remote control transmitter - Batteries - CD-ROM (operating instruction)
OPTIONAL ACCESSORIES	Pedestal (TY-STLF20)
UPC Code	885170005051

MAIN FEATURE

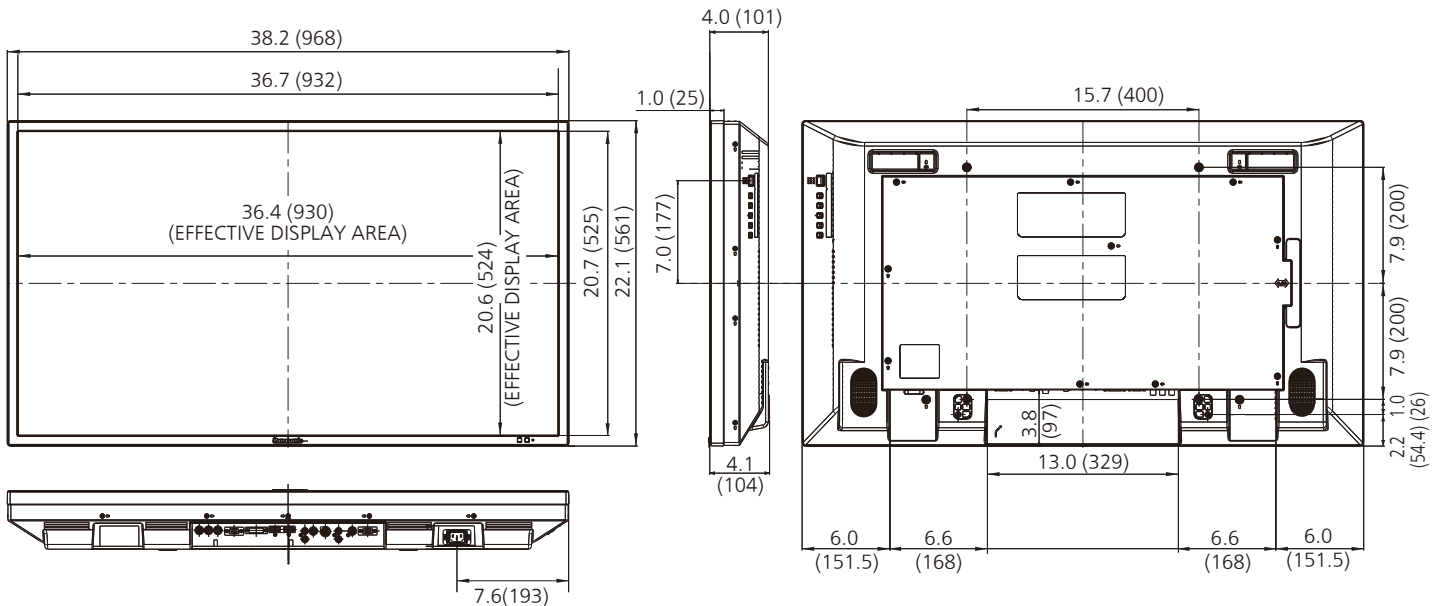
Multi-Screen System	2 x 2, 3 x 3, 4 x 4, 5 x 5 n x m (max 5 x 5)
Power-on Delay	Yes
Seam Hides Video Off Mode	Yes
Digital Zoom	x2, x3, x4
1:1 Pixel mode	Yes
Automatic Picture Position	Yes
Screen Saver	Yes
Power Management	DVI and PC input compatible
Power Save Mode	Yes
Auto Power Off	Yes
Standby Power Save Mode	Yes
Brightness sensor	Yes
Input lock	Yes
Button lock	Yes
Maximum volume level	Yes
Remote user level	Yes

ACCESSORIES

Pedestal	TY-STLF20
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DIMENSIONS

Cautions: This drawing is not a scale
Units : inches (mm)



CONNECTION TERMINAL

