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quality and innovation in LCD integration

4650 Series LCD Touch Screen Monitor

Display Werks #4650-TU-460FP3-4D,

46" • 1920 x 1080 Resolution • 3 Year Warranty
• Optional Built-in CPU
• Built-in Speakers



Samsung 460FP3 Integrated Touch LCD

Based on Samsung 460FP3 Professional Series LCD
46" LCD Touch Screen

Professionally Integrated 3M™ DST (Dispersive Signal Technology)

Authorized Integrator of the 3M™ DST Touch System.

1920 x 1080 High Resolution

Built-in Speakers

USA Service and Technical Support

Touch Screen Integrated within Factory Enclosure

3 Year Warranty on Touch Screen and Controller

3 Year Warranty on LCD

43.4" x 28.3" x 5.2"



Optional CPU

- 2.7GHz Dual Core
- 40GB HDD
- 4 GB DDR3 Memory

Slide-in CPU module creates an all-in-one professional kiosk system.



Content

- Content Creation Services **flypaper™**
- Interactive Touch Content Software
- Authorized Flypaper™ Content Developer, Technology Partner & Reseller

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www.displaywerks.com

(877) 705-1319

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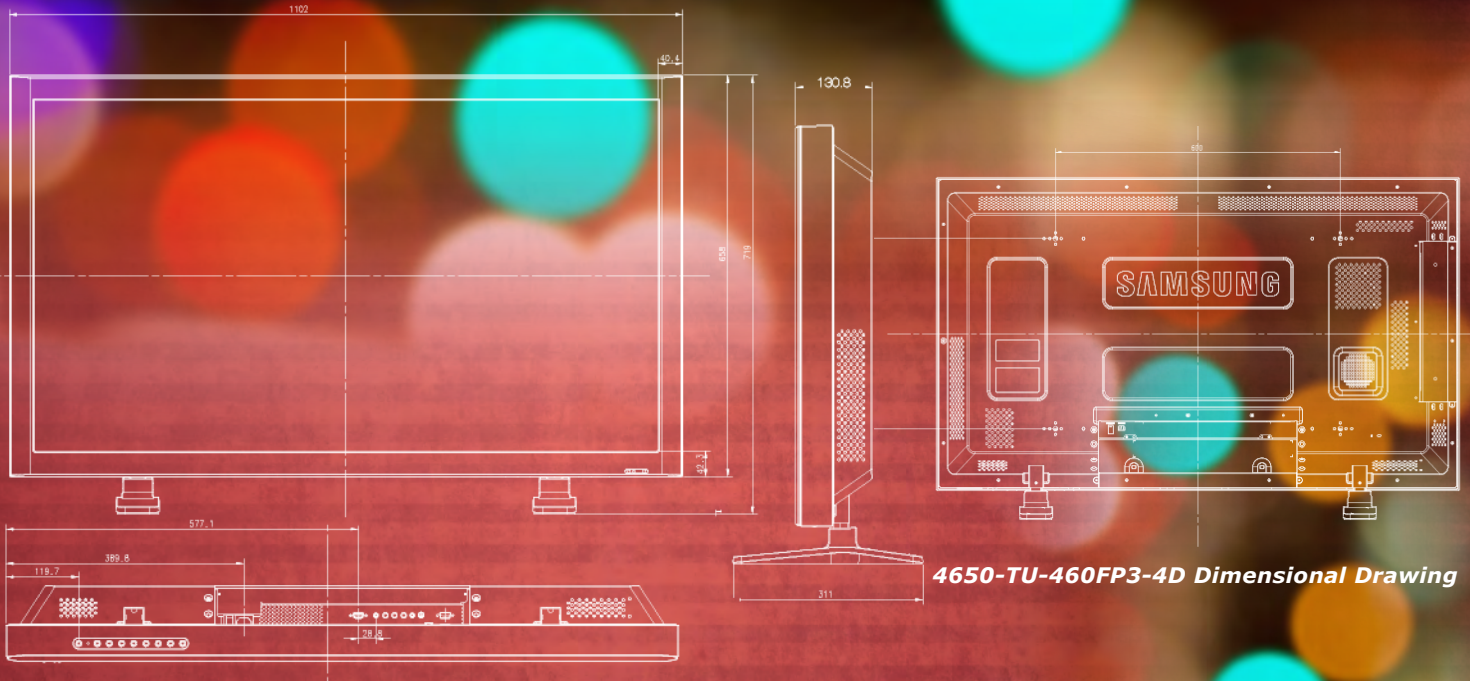
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4650-TU-460FP3-4D Dimensional Drawing

Display Specifications

Resolution	1920 x 1080
Viewing Angle	178° H/V
Response Time	8 ms
Pixel Pitch	0.530mm x 0.461mm
Brightness	450 cd/m ²
Contrast	3000:1 Native 10000:1 Dynamic
Bezel	40mm
Speakers	2 x 10W
Cooling	Built-in Fan
Operating Time	16/7
Power	233W/260W (typical) 2W Standby
Active Area	40.21" x 22.66"
VESA Mount	600mm x 400mm
Stand / Feet	Optional; Stand #5828 / Feet #4807
Dimensions	43.4" x 25.9" x 5.15" 73.2 lbs
Shipping	48.0" x 30.7" x 12.2" 82.6 lbs
Warranty	3 Year Manufacturer

Display Connectivity

PC Inputs	VGA (D-Sub 15-pin) DVI-D (in/out) DisplayPort
Video Inputs	Composite HDMI (2) Component (D-sub 15-pin)
Audio Inputs	RCA (L/R) Stereo Mini Jack (in/out)
Control	RJ45 LAN RS232C (in/out)
Power Out	5V (for optional set back box tuner)

Optional Internal CPU

CPU	AMD Athlon2 2.7GHz Dual Core
Storage	40GB HDD
Memory	DDR3 4GB
Outputs	VGA HDMI Stereo Mini Jack
Control	RJ45 LAN 10/100/1000 RS232C
Inputs	USB x 4
Operating System	Microsoft XP® 2009 Standard Embedded
Software	MagicInfo Pro™ Digital Signage Software
Order Number	4870

3M DST™ Touch System

Construction	Chemically-strengthened thin glass substrate
Compliance / Regulatory	UL@/cUL, FCC-A, CE, VCCI, ASNZS 3548
Surface	Anti-reflective; anti-scratch
Hardness Rating	Requires Mohs pick with 7 rating to induce scratch; scratches do not affect performance
Input Method	Finger, Stylus
Minimum Touch Impact	50 mN-s (milli-newton seconds); equivalent of a very light touch
Response Time	20ms for tap input
Positional Accuracy	> 99%
Light Transmission	92% +/- 2%
Surface Obstructions	Operates with presence of contaminants
Controller	USB or RS232 (specify)
Power	5VDC Adapter (included)
Cleaning	Non-abrasive cleaners
Drivers	MAC OS/Windows/Linux
Warranty	3 Years

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* Specifications are subject to change without notice; dimensions and weights after touch integration.