

40", 46" and 65" Professional LCD Displays

**Features:**

- Full HD 1080p shows the highest resolution content
- Full connectivity, including VGA, DVI, CVBS, HDMI, BNC and Component, for the most options in the most demanding commercial applications
- Network models offer full networkability, with a built-in PC for simple content control through your existing network
- Easily add network capability to FP-2 and 650FP models with an optional Samsung network set back box (SBB-NT), or add a digital TV tuner to FP-2 and FPn-2 displays with an optional Samsung DTV set back box (SBB-DT)
- Up to 40,000:1 dynamic contrast ratio produces images that show every detail

The Samsung 40" and 46" 400/460FP-2 and 400/460FPn-2 series and 65" 650FP professional LCD displays offer full connectivity for the most demanding commercial applications. The FPn-2 series features a built-in PC for easy network integration, with MagicInfo-Pro i software for downloading and streaming of files over a LAN/WAN. You can add networking to the FP-2 and 650FP displays with an optional network set back box (SBB-NT). Or you can add a digital TV tuner to FP-2 and FPn-2 displays with an optional DTV set back box (SBB-DT). And Full HD 1920 x 1080p displays the highest resolution content.



400FPn-2

460FPn-2

650FP

400FP-2
460FP-2
400FPn-2
460FPn-2
650FP



40", 46" and 65" Professional LCD Displays

Features

Full Commercial Connectivity

Designed for demanding commercial applications, the Samsung 650FP, FP-2 and FPn-2 series displays give you connections that include VGA, DVI, CVBS, HDMI, BNC and Component.

Content Control Over LAN/WAN

The FPn-2 displays feature network capability and MagicInfo-Pro i software, for both downloading and streaming of files over a LAN/WAN. You can add that same capability to the FP-2 and 650FP displays with an optional network set back box (SBB-NT).

Optional TV Tuner

You can add a digital TV tuner to FP-2 and FPn-2 displays with a Samsung DTV set back box (SBB-DT).

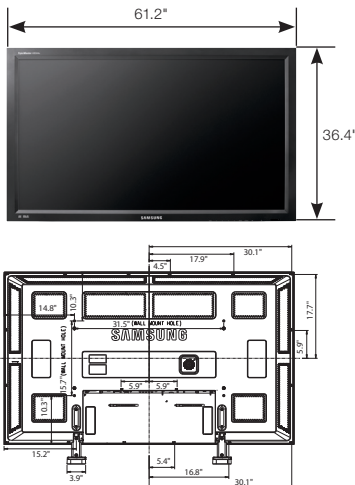
Full HD 1080p Resolution

With 1920 x 1080 resolution, the 650FP, FP-2 and FPn-2 displays are capable of the highest resolution images.

High Contrast Ratio and Response Time

Up to 5,000:1 static contrast ratio, up to 40,000:1 dynamic contrast ratio and up to 5.5ms response time combine to give you crisp, sharp, motion video full of detail.

650FP Dimensions



Specifications

Specifications		400FP-2/400FPn-2	460FP-2/460FPn-2	650FP
Panel	Diagonal Size	40"	46"	65"
	Type	S-PVA (60Hz)	S-PVA (60Hz)	AMV3 (120Hz)
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080
	Pixel Pitch (H x W)	0.461 x 0.461	0.530 x 0.530	0.744 x 0.744
	Brightness (Typ.)	450 cd/m ²	450 cd/m ²	500 cd/m ²
	Contrast Ratio	4000:1	4000:1	5000:1
	Dynamic C/R	40,000:1	40,000:1	10,000:1
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Response Time (G-to-G)	8ms	8ms	5.5ms
	Color Space (CIE1931)	72%	72%	72%
Connectivity	PC inputs	VGA/DVI/BNC/PC (Support SOG)	VGA/DVI/BNC/PC (Support SOG)	VGA/DVI (in/out)/BNC/PC (Support SOG)
	Video Inputs	CVBS/Component/HDMI	CVBS/Component/HDMI	CVBS/Component/BNC/HDMI
	Network	MagicInfo Pro i (400FPn-2 only)	MagicInfo Pro i (460FPn-2 only)	Optional (SBB-NT)
	Speaker	10W x 2 (built-in)	10W x 2 (built-in)	15W x 2 (built-in)
Power	Power Consumption (Max./Typ.)	220W/250W	260W/330W	470W/430W
	Power Consumption at Stand-by (Max)	1W/5W (Energy Saving ON)	1W/5W (Energy Saving ON)	1W/2W (Energy Saving ON)
	Power Supply	AC 100 - 240 V~ (+/-10%), 50/60 Hz	AC 100 - 240 V~ (+/-10%), 50/60 Hz	AC 100 - 240 V~ (+/-10%), 50/60 Hz
Mechanical Spec	VESA Mount	600 x 400mm	600 x 400mm	800 x 400mm
	Cabinet Color No	Black	Black	Black
	Weight (Set, Package)	42.4, 50.2 lbs./45.5, 53.3 lbs.	60.3, 73.7 lbs./63.4, 76.8 lbs.	127.87, 148.59 lbs.
	Dimension (W/O Stand)	38.2" x 22.9" x 4.7"	43.4" x 25.9" x 4.9"	61.2" x 36.4" x 4.9"
	Dimension (With Stand)	38.2" x 25.3" x 12.2"	43.4" x 28.3" x 12.2"	
	Packing Dimension	42.7" x 27.7" x 12.2"	48.0" x 30.7" x 12.2"	66.5" x 41.7" x 17.7"
Operation	Bezel Width	40mm	40mm	50mm
	Operating Temperature (Normal/Protection Glass)	10°~ 40°C/ 10°~ 35°C	10°~ 40°C/ 10°~ 35°C	0°~ 40°C
	Humidity	10~80%	10~80%	10~80%
	MTBF	50,000 hours	50,000 hours	50,000 hours
Feature	Landscape/Portrait Operation	■	■	Landscape Only
	Special Features	Lamp Error Detection, Temperature Sensor, Built-In Fan, Video Wall, RS232C	Lamp Error Detection, Temperature Sensor, Built-In Fan, Video Wall, RS232C	Lamp Error Detection, Anti Retention, Brightness Sensor, Temperature Sensor, Built-In Fan Control, RS232C MDC, Plug and Play (DDC2B, DDC/C), PIP/PBP, Video Wall (5x5), Pivot Display, Button Lock, Digital Daisy Chain, Slide In Modular Design
Network (400FPn-2 and 460FPn-2)	Operating System	Windows XP Embedded Network Support with SBB-NT (400FP-2)	Windows XP Embedded Network Support with SBB-NT (460FP-2)	Network Support with SBB-NT
	CPU	Athlon X2 Dual-Core 4450e (2.3GHz)	Athlon X2 Dual-Core 4450e (2.3GHz)	Athlon X2 Dual-Core 4450e (2.3GHz)
	FDM	4GB	4GB	40GB HDD
	Memory	SEC DDR2 1GB	SEC DDR2 1GB	SEC DDR2 1GB
	Ethernet	Marvell 88E8055 Gigabit LAN	Marvell 88E8055 Gigabit LAN	Marvell 88E8055 Gigabit LAN
	USB	3 USB	3 USB	4 USB
	VGA Out	1 VGA Out	1 VGA Out	1 VGA Out
	MagicInfo features	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temperature, etc.) - Network System information - Asset Management - Global Network	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temperature, etc.) - Network System information - Asset Management - Global Network	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temperature, etc.) - Network System information - Asset Management - Global Network
Package Contents	Manuals	Quick Setup Guide, Warranty Card, Application CD	Quick Setup Guide, Warranty Card, Application CD	Quick Setup Guide, Warranty Card, Application CD
	Cables and Others	Power Cord, Remote Controller, Batteries	Power Cord, Remote Controller, Batteries	Power Cord, D-Sub Cable, Remote Controller, Batteries
Optional Accessories	Wall Mount	WMN-5770D (optional)	WMN-5770D (optional)	WMN-7070D (optional)
	Stand	STN-L3257D (optional)	STN-L3257D (optional)	STN-L65D (optional)
Green Management	Emission Standard	EMC	EMC	EMC
	RoHS Compliant	■	■	■
	Product Recyclability	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly
	EnergyStar 5.0	400FP	460FP	N/A
Warranty Service	3-year Onsite Parts/Labor	■	■	■

Product Information: 1-866-542-7214 samsung.com/prodisplay

Product Support: 1-800-SAMSUNG



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