



Samsung Visual Display





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Imagine Samsung Electronics

Samsung Electronics is a global leader in semiconductor, telecommunication, digital media and digital convergence technologies with 2004 parent company sales of US\$55.2 billion and net income of US\$10.3 billion. The company employs approximately 123,000 people in 93 offices in 48 countries.

Recognised as one of the fastest growing brands, Samsung Electronics is the world's largest producer of monitors, TVs, memory chips and TFT-LCDs. By combining the latest technology with a deep rooted understanding of people's aspirations Samsung Electronics has become a true innovator in visual display technology - and the world's leading manufacturer of mobile computers, computer memory, wireless handsets, video recorders and microwaves.

Samsung also manufactures components and products, including PCs, for some of the best known brands in the world - companies that depend on the high quality of our production to develop and grow their businesses. Through its diverse range of products, Samsung can provide a complete IT solution.

For our customers this adds up to one thing - high quality, high performance products that are easy to use and don't cost the earth. And all backed up by the peace of mind that comes from buying from one of the largest companies in the world.





Samsung Visual Displays

Clearly the right choice

Samsung's comprehensive SyncMaster range of monitors combine the very latest visual display technology with stylish and award winning design.

Utilising the latest TFT and Plasma technology the range includes a multitude of screen sizes and features - to ensure a perfectly specified monitor whatever the application.

Delivering stunning image quality and reliability the SyncMaster range make an ideal addition to any reception, shop floor, workplace or home.

As individual as you

Central to the SyncMaster's appeal is a series of advanced Magic features that are designed to maximise ease of use and enhance the performance of each product to suit your needs.



Unique network control

MagicNet software is the ultimate way to stream content across a LAN. Now a single computer can be used to control and deliver unique content to multiple displays.



Exceptional image quality

Image quality can be perfected quickly, accurately and easily using MagicTune. Stored on the desktop this intuitive piece of software enables fine image adjustments, and colour calibration functionality not available using traditional menu systems. Perfect for photographers, designers and motion graphic artists, MagicTune provides user-friendly on-screen image control.



Superb natural colour

This intelligent colour system enhances selective colours, such as skin tones, making it ideal for multimedia applications, surfing the web, watching DVDs or manipulating images from a digital camera.



Optimum picture definition

MagicContrast ensures that the SyncMaster range of monitors deliver the best image. As a result, the SyncMaster range boasts a market leading contrast ratio of up to 1500:1.



Flexible brightness control

MagicBright provides a choice of brightness settings designed to optimise different content. The brightness of the monitor can now be simply adjusted to Game, Movie, Sports, Internet or Text modes. So, whether you're working, relaxing or surfing the web, the brightness level can be adjusted accordingly to make it a much more enjoyable experience.



Smooth image movement

As the popularity of multimedia content increases, the need to improve the quality of moving images has become paramount. MagicSpeed reduces ghosting and jagged pixel effects on such content. Delivering a panel response time as low as 4ms, MagicSpeed ensures stable viewing of DVDs, streaming video and gaming applications.



Enhanced viewing comfort

MagicStand uses a unique dual hinge to ensure the screen is perfectly positioned to provide you with a comfortable viewing position. Now the screen can be moved vertically, swivelled and tilted to suit your own preferences.



MagicRotation

View documents in landscape or portrait by rotating the display through 90 degrees. With Samsung's MagicRotation feature the screen automatically detects this rotation and realigns the image accordingly.



MagicZone

Highlight selected areas of the screen using Samsung's MagicZone. Perfect for multimedia or web content, simply select the required area of your image with the user-friendly software to bring selected content to life.



Entry Level

SM710N and SM913V

Vibrant, detailed images in a sleek and stylish design

Providing exceptional performance at a budget price, Samsung's entry level TFT monitors make an attractive space saving addition to any work or home environment. They are the perfect upgrade from a traditional bulky CRT display.

- Ultra narrow, slim and lightweight design
- Razor-sharp images
- Easy to set up and configure with plug and play functionality
- Choice of colours and screen sizes (17" or 19") to suit your needs
- Hassle-free operation with a comprehensive 3 year warranty





TFT

Narrow Bezel

**SM540N, SM740N
and SM913N**

Ultra-slim and sleek for the style and space conscious

Sleek and minimalist, the dynamic lines and slim frame of Samsung's monitors bring you adaptable and versatile working, while fast response times and high contrast ratios deliver staggering image quality.

- Space saving ultra-thin bezel and wall-mount capability
- Choice of screen sizes (15", 17" or 19") to suit your needs
- Fastest response time (8ms)
- Fully height adjustable stand with tilt for easy viewing (SM740N/SM913N)
- Flexibility to display information in portrait or landscape (SM740N/SM913N)



Digital

**SM740B, SM940B, SM740T,
and SM940T**

Uniting unbelievable colour and clarity with perfect digital quality

Within their design, the Samsung digital TFT monitors combine a completely flat screen with digital input, so images are crisp and completely distortion free. Dual inputs allow two sources to be viewed through one screen, while a super narrow bezel saves valuable desk space.

- Choice of analogue and digital inputs
- Superb image quality - sharp and bright
- Space saving ultra-thin bezel and wall-mount capability
- Choice of screen sizes (17" or 19") to suit your needs
- Optional panel type (TN or PVA)





Multimedia

SM713BM and SM913TM

With inbuilt speakers, the SM713BM and SM913TM are ideal for enjoying multimedia content at home or in the office. Featuring screen pivot and height adjustable stand these monitors can be positioned in the ideal viewing position. Combine all this with stunning image quality, a comprehensive 3 year warranty and you have the ideal display.

- Multimedia speakers
- 17"/19" screen size
- Analogue and digital input
- Fast response time and wide viewing angles
- Height adjustable stand and screen pivot





Designer

SM173P+ and SM193P+

Stand out in the crowd with the ultimate in sophisticated visual displays

When you need to make a good impression, but don't want to compromise on quality, Samsung's designer displays offer the best of everything - design, image and flexibility.

- High quality, vivid and clear images
- Choice of colours and screen sizes (17" or 19") to suit your needs
- Ultra flexible screen pivot and height control
- Incredible contrast ratio (1500:1)
- Unique buttonless design
- Dual Input





Gaming

SM730BF and SM930BF

Boasting a blistering 4ms response time the SM730BF (17") and SM930BF (19") are perfect for gaming and watching video content. MagicSpeed reduces ghosting and jagged pixel effects on such content ensuring improved image quality and user experience. All this combined with sleek design and dual inputs make this one of the most sought after screens on the market.

- 4ms response time
- 17"/19" screen sizes
- Analogue and digital inputs
- 3 year warranty





LCD TV

LCD TV Monitor

SM710MP, SM910MP and SM931MP

Everything you need to stay informed - anytime, anywhere

Now you can afford to enjoy a true multimedia experience with Samsung's entry level LCD TV Monitors. This monitor and television combination is small enough to fit in anywhere, but stylish enough to make a big impact.

- Integrated TV tuner, speakers, Teletext and remote
- Extremely clear and responsive image quality
- Stylish and practical design
- Ergonomic design and easy to use, with innovative power saving system
- Can be wall or arm mounted



LCD TV Monitor

SM730MW and SM730MP

Enjoy a true multimedia experience wherever you chose

Liberate your home or workspace with these high performance televisions that can also be used as monitors and multimedia entertainment centres.

- State-of-the-art image quality and control
- Widescreen for easy viewing (SM730MW only)
- Built-in FM radio, as well as TV tuner, speakers and Teletext
- A 7-in-1 memory card reader for listening to MP3 files, viewing digital photographs and watching digital video (SM730MP only)





Large Format

Large Format for desktops

SM204TS and SM214T

The professional choice for intensive users

Samsung's large format PC monitors provide an effective working environment for professionals who need that little bit more space to see the bigger picture. Offering large high resolution screens which provide multi-document viewing.

- Innovative space-saving narrow bezel design
- Choice of screen sizes (20" or 21") to suit your needs
- Pivoting display for comfortable and easy viewing
- Ideal for document or graphic intensive work eg. CAD/CAM, graphic/web designer, engineering, etc.
- Flexibility of dual inputs to accommodate either an analogue or digital signal



SM242MP

Work, rest and play with the ultimate in large-screen monitors

Why bother changing machines when you want to do something different, when you can make life simple using the SM242MP's capability to what you want, when you want. From watching TV to listening to radio to surfing the web, this high resolution screen provides a truly flexible display.

- Innovative space-saving slim and narrow bezel design
- Large 24" screen enables multiple images and documents to be viewed
- Built-in TV tuner and high quality speakers
- Fast 16ms response time
- Can accommodate multiple sources such as DVD player, VCR or camcorder





Digital Signage

SM320P and SM400P and SM460P

Make sure you're seen and heard - loud and clear

On those occasions where image size is paramount these displays are ideal. With a high resolution they are perfect for applications where picture definition is critical, such as point of sale and point of information spaces. Featuring plug and play as standard, they support both data and video signals. Optional wall mount bracket and speakers are also available, making them the most flexible and powerful large screen displays on the market.

- High resolution, 8ms response times
- Luxurious narrow and slim design
- High resolution 32", 40" and 46" screens for maximum clarity
- Economical to run with low power consumption
- Allow input from various multimedia devices
- Ultra-fast 8ms response times and crisp sharp images
- Anti-glare coating to minimise reflection



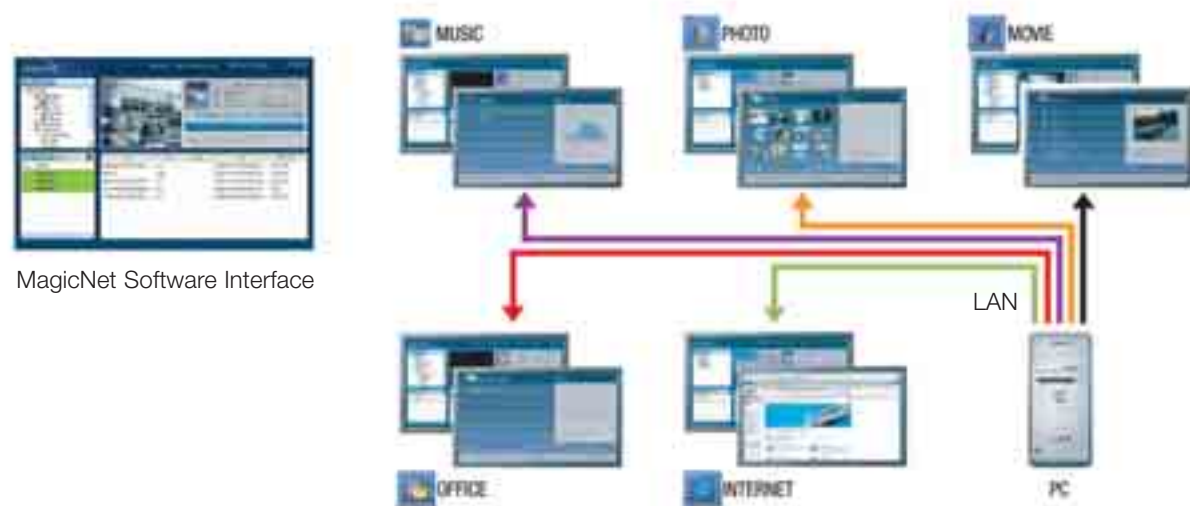


Large Format

Networked Digital Signage

MagicNet allows you to distribute content across the network delivering unique content to each screen from a single PC.

As such, MagicNet is perfect for businesses that want the benefits of digital signage without the need for a dedicated PC for each display. Ideally suited to airports, hotels, shopping malls, offices, corporate lobbies, theatres, museums, exhibitions, and sports venues. MagicNet transmits media files (photo, audio and movie files) and office files (Power Point, Excel, Word, HTML and PDF files) existing on a server to screens connected to a network using the server/client architecture. Several screens can be connected to a LAN with content scheduled to appear at pre-defined times. This technology is unique to Samsung displays and not only delivers considerable cost savings but also improves the delivery of information.



MagicNet Software Interface



SM400Pn and SM460Pn

Get the right message across - to the right people at the right time

Optimise the performance of retail, travel, office, leisure, sports and entertainment locations by delivering targeted information 24/7.

- Choice of stylish and slim screen sizes (40" or 46") to suit your needs
- Crisp, clear images with industry leading image optimisation and response times
- Run multiple screens from one PC, each showing different information/offers, using 'MagicNet'
- Combine multiple screens to show one larger image





PPM42M5SSX, PPM42M5HSX, PPM50M5HSX and PPM63H3QX

Always make a big impression, whatever you want to say



Whether you are delivering a presentation, displaying customer information or teleconferencing, Samsung's plasma displays give you the quality and versatility needed to grab and sustain everyone's attention.

- Slim and stylish design means they can be placed virtually anywhere
- Choice of screen sizes (42", 50" or 63") to suit your needs
- Can be mounted either horizontally, vertically, or set up as a multi-screen video wall
- Capable of displaying a variety of inputs from any conventional broadcast source, including video, PC, etc.
- Proprietary DNle™ technology creates lifelike images with vivid colour and optimal detail
- 10,000:1 contrast ratio for stunning image quality





	Entry level		Narrow Bezel			Digital				Multimedia	
	SM710N	SM913V	SM540N	SM740N	SM913N	SM740B	SM740T	SM940B	SM940T	SM713BM	SM913TM
Panel Type	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/PVA	a-si TFT/TN	a-si TFT/PVA	a-si TFT/TN	a-si TFT/TN
Viewable area	17"	19"	15"	17"	19"	17"	17"	19"	19"	17"	19"
Pixel Pitch	0.264	0.294	0.297	0.264	0.294	0.264	0.264	0.294	0.294	0.264	0.294
Brightness (cd/m ²)	300	250	250	300	300	300	280	300	250	300	250
Contrast Ratio	600:1	600:1	450:1	600:1	700:1	600:1	1500:1	700:1	1000:1	700:1	1000:1
Viewing Angle (H/V)	160°/160°	160°/150°	140°/120°	160°/160°	160°/160°	160°/160°	178°/178°	160°/160°	178°/178°	160°/160°	170°/170°
Response Time (ms)	12	12	16	8	8	8	25	8	20	8	8
Interface	Analogue	Analogue	Analogue	Analogue	Analogue	Analogue / Digital	Analogue / Digital	Analogue / Digital	Analogue / Digital	Analogue / Digital	Analogue / Digital
Horizontal Frequency (kHz)	30-81	30-81	30-61	30-81	30-81	30-81	30-81	30-81	30-81	30-81	30-81
Vertical Frequency (Hz)	56-75	56-75	56-75	56-75	56-75	56-75	56-75	56-75	56-75	56-75	56-75
Maximum Resolution	1280x1024	1280x1024	1024x768	1280x1024	1280x1024	1280x1024	1280x1024	1280x1024	1280x1024	1280x1024	1280x1024
Colours Supported	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.7 Mil.	16.2 Mil.	16.7 Mil.	16.2 Mil.	16.7 Mil.
Input Video Signal	Analogue RGB	Analogue RGB	Analogue RGB	Analogue RGB	Analogue RGB	Analogue RGB, DVI Digital link	Analogue RGB, DVI Digital link	Analogue RGB, DVI Digital link	Analogue RGB, DVI Digital link	Analogue RGB, DVI Digital link	Analogue RGB, DVI Digital link
Input Connectors	15pin D-sub	15pin D-sub	15pin D-sub	15 Pin D-sub	15pin D-sub	15pin D-sub,DVI-D	15pin D-sub,DVI-D	15pin D-sub,DVI-D	15pin D-sub,DVI-D	15pin D-sub,DVI-D	15pin D-sub,DVI-D
Power Consumption	34 Watts (Max.)	38 Watts (Max.)	25 Watts (Max.)	34 Watts (Max.)	38 Watts (Max.)	34 Watts (Max.)	34 Watts (Max.)	38 Watts (Max.)	38 Watts (Max.)	38 Watts (Max.)	42 Watts (Max.)
Standby Mode	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt	<1 Watt
Energy star / NUTEK	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	1Wx2Ch	1Wx2Ch
Multimedia Speakers	-	-	-	-	-	-	-	-	-	n/a	n/a
OSD-Digital Display Director™	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wall-Mount (mm)	VESA 100	VESA 100	VESA 75	VESA 75	VESA 100	VESA 75	VESA 75	VESA 75	VESA 75	VESA 100	VESA 100
Emissions Standard	TCO'99	TCO'99	TCO'99	TCO'99	TCO'03	TCO'03	TCO'03	TCO'03	TCO'03	TCO'99	TCO'03
Colour	Silver/Black/Ivory	Silver/Black	Silver/Black	Silver/Black	Silver/Black	Silver/Black	Silver/Black	Silver/Black	Silver/Black	Silver/Black	Silver/Black
Mac Compatible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Set (WxHxD) (with stand)	370x386x195	428x430x195	337.5x336.8x180	366x379x200 (Simple Stand) 366x391x200 (HAS)	416x349x215 (Simple Stand) 416x420x200 (HAS)	366x391x200	362x389x200	407x408x200	403x406x200	370x386x195 (Simple) 370x404x200 (HAS)	416x420x200
Set (WxHxD) (w/o stand)	370x316x60	428x357x51	337x264x60	366x301x60	416x349x60	366x301x60	362x298x60	407x335x65	407x335x64	370x342x64	416x377x64
Packing (WxHxD)	455x437x141	531x494x150	389x380x132	443x435x132 (Simple Stand) 497x382x235 (HAS)	509x494x150 (Simple Stand) 535x443x235 (HAS)	497x382x235	497x375x235	524x414x235	522x412x235	451x440x140 (Simple) 508x431x235 (HAS)	526x469x235
Weight Net (kg)	4.4	5.95	2.75	3.4 (Simple Stand) 4.7 (HAS)	6.0 (Simple Stand) 7.2 (HAS)	4.7	4.6	5.5	5.35	5.8 (HAS) / 4.6 (Simple)	7.2
Weight Gross inc packaging (kg)	6	7.35	3.5	4.6 (Simple Stand) 6.6 (HAS)	7.6 (Simple Stand) 9.0 (HAS)	6.6	6	7.7	6.8	8 (HAS) / 6 (Simple)	9
Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Stand	Simple	Simple	Simple	Simple, Height Adjustable	Simple or Height Adjustable	Height Adjustable Stand	Height Adjustable Stand	Height Adjustable Stand	Height Adjustable Stand	Simple, Height Adjustable Stand	Height Adjustable Stand

	Designer		Gaming		LCD TV Monitor				
	SM173P+	SM193P+	SM730BF	SM930BF	SM710MP	SM730MP	SM730MW	SM910MP	SM931MP
Panel Type	a-si TFT/PVA	a-si TFT/PVA	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/PVA
Viewable area	17"	19"	17"	19"	17"	17"	17"	19"	19"
Pixel Pitch	0.264	0.294	0.264	0.294	0.264	0.264	0.289	0.294	0.294
Brightness (cd/m ²)	280	250	300	300	300	400	450	300	250
Contrast Ratio	1500:1	1000:1	700:1	700:1	600:1	450:1	500:1	700:1	1000:1
Viewing Angle (H/V)	178°/178°	178°/178°	160°/160°	160°/160°	160°/160°	140°/140°	150°/120°	160°/160°	178°/178°
Response Time (ms)	8	8	4	4	12	16	25	8	8
Interface	Analogue/Digital	Analogue / Digital	Analogue / Digital	Analogue / Digital	Analogue	Analogue / Digital	Analogue / Digital	Analogue	Analogue / Digital
Horizontal Frequency (kHz)	30-81	30-81	30-81	30-81	31-81	30-60	30-61	31-81	31-81
Vertical Frequency (Hz)	56-75	56-75	56-75	56-75	56-75	56-75	56-75	56-75	56-85
Maximum Resolution	1280x1024	1280x1024	1280x1024	1280x1024	1280x1024	1280x1024	1280x768	1280x1024	1280x1024
Colours Supported	16.7 Mil.	16.7 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.2 Mil.	16.7 Mil.
Input Video Signal	Analogue RGB, DVI Digital link	Analog RGB, DVI Digital link	Analogue RGB, DVI Digital Link	Analogue RGB, DVI Digital Link	Analogue RGB, CVBS, S-video, TV (antenna/cable)	Analogue RGB, DVI Digital link, CVBS, S-video, Component, TV(antenna/cable), Scart	Analogue RGB, DVI Digital link, CVBS, S-video, Component, TV(antenna/cable), Scart	Analog RGB, Composite S-video TV (antenna/cable), Scart	Analogue RGB, DVI Digital link, Composite, S-video, Component, TV(antenna/cable), Scart
Input Connectors	15pin D-sub, DVI-D	15pin D-sub, DVI-D	15 Pin D-sub, DVI-D	15 Pin D-sub, DVI-D	15pin D-sub, S-video, Composite, RF	15pin D-sub, DVI-D CVBS S-Video, SCART, Component, RF	15pin D-sub, DVI-D, Composite, S-Video, SCART, Component, RX [™]	15pin D-sub CVBS, S-Video, RF, Scart	15pin D-sub, DVI-D, Composite, S-Video, SCART, Component, RF
Power Consumption	40 Watts (Max.)	40 Watts (Max.)	34 Watts (Max.)	38 Watts (Max.)	43 Watts (Max.)	54 Watts (Max.)	49 Watts (Max.)	49 Watts (Max.)	58 Watts(Max)
Standby Mode	<2.0 Watt	<2 Watt	<1 Watt	<1 Watt	<2W	<2 Watts	<2 Watts	<2 Watts	<2W
Energy star / NUTEK	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multimedia Speakers	-	-	-	-	1.5W x 2ch.	5W x 2ch.	5Wx 2ch.	3W x 2ch.	5Wx 2ch.
OSD-Digital Display Director [™]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wall-Mount (mm)	VESA 75	VESA 75	VESA 75	VESA 75	VESA 75	VESA 75	VESA 75	VESA 100	VESA 100
Emissions Standard	TCO'03 (Silver) TCO'99 (Black)	TCO'03 (Silver) TCO'99 (Black)	TCO'99	TCO'99	TCO'03	TCO'03	TCO'99	TCO'99	TCO'03
Colour	Silver/Black	Silver/Black	Black	Black	Silver	Silver	Silver	Silver	Silver
Mac Compatible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Set (WxHxD) (with stand)	382x395x236	423x412x236	382x386x175	422x427x200	389x402x206	496x378x170	526x341x157	430x434x227	433x436x198
Set (WxHxD) (w/o stand)	382x316x40	423x351x44	382x322x56	422x353x59	389x386x63	496x336x62	526x292x60	430x420x63	433x419x58
Packing (WxHxD)	475x410x176	524x453x183	460x452x134	500x492x152	482x542x148	589x451x271	617x414x212	527x582x162	532x553x165
Weight Net (kg)	6	7.1	3.6	5.1	5.35	5.7	5.4	5.8	5.9
Weight Gross inc packaging (kg)	8	9.4	5	7	6.95	7.9	7.2	7.9	8.9
Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Stand	Magic Stand	Magic Stand	Simple	Simple	Simple	Simple	Simple	Simple	Foldable Stand

Specifications

Large Format - Desktop

SM204Ts

Panel Type	a-si TFT/PVA
Viewable area	20"
Pixel Pitch	0.255
Brightness (cd/m ²)	250
Contrast Ratio	700:1
Viewing Angle (H/V)	170°/170°
Response Time (ms)	16
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30 ~ 81kHz
Vertical Frequency (Hz)	56 ~ 75Hz
Maximum Resolution	1600x1200
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, DVI Digital link Composite, S-Video
Input Connectors	15pin D-sub,DVI-D, CVBS, S-Video
Power Consumption	63 Watt (Max)
Standby Mode	<2 Watt
Energy star / NUTEK	Yes
Multimedia Speakers	-
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	VESA 100
Emissions Standard	TCO'03
Colour	Silver/Black
Mac Compatible	Yes
Set (WxHxD) (with stand)	445x457x228
Set (WxHxD) (w/o stand)	445x345x76
Packing (WxHxD)	432x580x275
Weight Net (kg)	8
Weight Gross inc packaging (kg)	11.1
Warranty	3 Year
Stand	Height Adjustable

SM214T

Panel Type	a-si TFT/PVA
Viewable area	21"
Pixel Pitch	0.27
Brightness (cd/m ²)	300
Contrast Ratio	900:1
Viewing Angle (H/V)	178°/178°
Response Time (ms)	8
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30 ~ 81kHz
Vertical Frequency (Hz)	56 ~ 75Hz
Maximum Resolution	1600x1200
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, DVI Digital link, Composite, S-Video
Input Connectors	15pin D-sub,DVI-D CVBS, S-Video
Power Consumption	65 Watt (Max)
Standby Mode	<2 Watt
Energy star / NUTEK	Yes
Multimedia Speakers	-
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	VESA 100
Emissions Standard	TCO'03
Colour	Silver/Black
Mac Compatible	Yes
Set (WxHxD) (with stand)	469x466x228
Set (WxHxD) (w/o stand)	469x363x79
Packing (WxHxD)	456x583x288
Weight Net (kg)	8.8
Weight Gross inc packaging (kg)	11.2
Warranty	3 Year
Stand	Height Adjustable

SM320P

Panel Type	a-si TFT/PVA
Viewable area	32"
Pixel Pitch	0.51
Brightness (cd/m ²)	450
Contrast Ratio	1000:1
Viewing Angle (H/V)	170°/170°
Response Time (ms)	8
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30-70
Vertical Frequency (Hz)	50-85
Maximum Resolution	1366x768
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, BNC, DVI Digital link, CVBS, S-video, Component Video,
Input Connectors	D-Sub, DVI-D, S-video, BNC (analogue), BNC (component x 2)
Power Consumption	170 Watts (Max.)
Standby Mode	<5 Watts
Energy star / NUTEK	Yes
Multimedia Speakers	Optional external speaker (10watts x 2ch)
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	Mounting Kit Available (option)
Emissions Standard	-
Colour	Grey
Mac Compatible	Yes
Set (WxHxD) (with stand)	780x529x223
Set (WxHxD) (w/o stand)	780x482x107
Packing (WxHxD)	898x600x262
Weight Net (kg)	17
Weight Gross inc packaging (kg)	20
Warranty	3 Year
Stand	Simple

SM400P

Panel Type	a-si TFT/PVA
Viewable area	40"
Pixel Pitch	0.648
Brightness (cd/m ²)	500
Contrast Ratio	800:1
Viewing Angle (H/V)	170°/170°
Response Time (ms)	8
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30-70
Vertical Frequency (Hz)	50-85
Maximum Resolution	1366x768
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, BNC DVI Digital link, CVBS S-video, Component Video
Input Connectors	D-Sub, DVI-D, S-video, BNC (analogue), BNC (component x 2)
Power Consumption	280 Watts (Max.)
Standby Mode	<5 Watts
Energy star / NUTEK	Yes
Multimedia Speakers	Optional external speaker (10watts x 2ch)
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	Mounting Kit Available (option)
Emissions Standard	-
Colour	Grey
Mac Compatible	Yes
Set (WxHxD) (with stand)	971x582x118
Set (WxHxD) (w/o stand)	971x629x223
Packing (WxHxD)	1108x280x700
Weight Net (kg)	23
Weight Gross inc packaging (kg)	28
Warranty	3 Year
Stand	Simple

SM460P

Panel Type	a-si TFT/PVA
Viewable area	46"
Pixel Pitch	0.248
Brightness (cd/m ²)	500
Contrast Ratio	800:1
Viewing Angle (H/V)	170°/170°
Response Time (ms)	8
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30-70
Vertical Frequency (Hz)	50-85
Maximum Resolution	1366x768
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, BNC DVI Digital link, CVBS S-video, Component Video
Input Connectors	D-Sub, DVI-D, S-video, BNC (analogue), BNC(component*2), RJ45, USB x 2
Power Consumption	330 Watts (Max.)
Standby Mode	<5 Watts
Energy star / NUTEK	Yes
Multimedia Speakers	Optional external speaker (10watts x 2ch)
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	Mounting Kit Available (option)
Emissions Standard	-
Colour	Grey
Mac Compatible	Yes
Set (WxHxD) (with stand)	1102x715x293
Set (WxHxD) (w/o stand)	1102x658x126
Packing (WxHxD)	1248x304x826
Weight Net (kg)	28
Weight Gross inc packaging (kg)	33
Warranty	3 Year
Stand	Simple

SM400Pn

Panel Type	a-si TFT/PVA
Viewable area	40"
Pixel Pitch	0.698
Brightness (cd/m ²)	500
Contrast Ratio	800:1
Viewing Angle (H/V)	170°/170°
Response Time (ms)	8
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30-70
Vertical Frequency (Hz)	50-85
Maximum Resolution	1366x768
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, BNC DVI Digital link, CVBS S-video, Component Video
Input Connectors	D-Sub, DVI-D, S-video, BNC (analogue), BNC (component x 2)
Power Consumption	280 Watts (Max.)
Standby Mode	<5 Watts
Energy star / NUTEK	Yes
Multimedia Speakers	Optional external speaker (10watts x 2ch)
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	Mounting Kit Available (option)
Emissions Standard	-
Colour	Grey
Mac Compatible	Yes
Set (WxHxD) (with stand)	97x582x118
Set (WxHxD) (w/o stand)	971x629x223
Packing (WxHxD)	1108x230x700
Weight Net (kg)	23
Weight Gross inc packaging (kg)	28
Warranty	3 Year
Stand	Simple

SM460Pn

Panel Type	a-si TFT/PVA
Viewable area	46"
Pixel Pitch	0.248
Brightness (cd/m ²)	500
Contrast Ratio	800:1
Viewing Angle (H/V)	170°/170°
Response Time (ms)	8
Interface	Analogue / Digital
Horizontal Frequency (kHz)	30-70
Vertical Frequency (Hz)	50-85
Maximum Resolution	1366x768
Colours Supported	16.7 Mil.
Input Video Signal	Analogue RGB, BNC DVI Digital link, CVBS S-video, Component Video
Input Connectors	D-Sub, DVI-D, S-video, BNC (analogue), BNC(component*2), RJ45, USB x 2
Power Consumption	330 Watts (Max.)
Standby Mode	<5 Watts
Energy star / NUTEK	Yes
Multimedia Speakers	Optional external speaker (10watts x 2ch)
OSD-Digital Display Director™	Yes
Wall-Mount (mm)	Mounting Kit Available (option)
Emissions Standard	-
Colour	Grey
Mac Compatible	Yes
Set (WxHxD) (with stand)	1102x715x293
Set (WxHxD) (w/o stand)	1102x658x126
Packing (WxHxD)	1248x304x826
Weight Net (kg)	28
Weight Gross inc packaging (kg)	33
Warranty	3 Year
Stand	Simple

Plasma

	PPM42M5SSX	PPM42M5HSX	PPM50M5HSX	PPM63H3QX
Display				
Diagonal Size	42"	42"	50"	63"
Aspect Ratio	16:9	16:9	16:9	16:9
Resolution	852x480	1024x768	1366x768	1366x768
Pixel Pitch	1.095x1.110	0.912x0.693	0.81x0.81	1.02x1.02
Brightness	1,500cd/m ²	1,300cd/m ²	1,300cd/m ²	1,000cd/m ²
Contrast	10,000:1	10,000:1	10,000:1	3000:1
Grey Scale	12Bit	12Bit	12Bit	8 bit
Number of Colours	68.7Billion	68.7Billion	68.7Billion	16.7Mil
Power				
Power Supply	100 ~ 250V (50/60Hz)	100 ~ 250V (50/60Hz)	100 ~ 250V (50/60Hz)	100 ~ 250V (50/60Hz)
Power Consumption	290W	370W	390W	630W
Dimension/Weight				
Set (WxHxD)	1027 x 630.5 x 96.5 mm 40.43 x 24.82 x 3.76 inches	1027 x 630.5 x 96.5 mm 40.43 x 24.82 x 3.76 inches	1204.6 x 724.1 x 97 mm 47.43 x 28.5 x 3.82 inches	1503.4 x 893.8 x 89mm 59.19 x 35.19 x 3.5 inches
Weight (Set)	34.5 Kg (76.05 Lbs)	34.5 Kg (76.05 Lbs)	46.5 Kg (102.5 Lbs)	69Kg (152.1 Lbs)
Cabinet Colour	Grey	Grey	Grey	Grey
Pictures				
Scan System	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
Colour system	Multi (PAL/SECAM/NTSC3.58/NTSC4.43)	Multi (PAL/SECAM/NTSC3.58/NTSC4.43)	Multi (PAL/SECAM/NTSC3.58/NTSC4.43)	Multi(PAL / SECAM / NTSC3.58 / NTSC4.43)
Digital Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	4H Comb filter
Colour Tone	Normal/Cool1/Cool2/Warm1/Warm2 (Custom/Cool/Normal/Warm :RGB(PC) Mode ; Cool/Normal/Warm : DVI Mode)	Normal/Cool1/Cool2/Warm1/Warm2 (Custom/Cool/Normal/Warm :RGB(PC) Mode ; Cool/Normal/Warm : DVI Mode)	Normal/Cool1/Cool2/Warm1/Warm2 (Custom/Cool/Normal/Warm :RGB(PC) Mode ; Cool/Normal/Warm : DVI Mode)	Normal/Cool1/Cool2/Warm1/Warm2
Picture Mode	Dynamics,Standard,Movie, Custom (RGB (PC)/DVI : Entertain/Internet/Text/Custom)	Dynamics,Standard,Movie, Custom (RGB (PC)/DVI : Entertain/Internet/Text/Custom)	Dynamics,Standard,Movie, Custom (RGB (PC)/DVI : Entertain/Internet/Text/Custom)	Custom, Dynamics, Standard, Movie (PC: Custom,high, middle, low)
Screen Size Mode	16:9, zoom1, zoom2, 14:9, 4:3, Panorama	16:9, zoom1, zoom2, 14:9, 4:3, Panorama	16:9, zoom1, zoom2, 14:9, 4:3, Panorama	Wide, zoom1, zoom2, 14:9, Normal
OSD	English, French, German, Italian, Spanish, Portuguese, Chinese, Korean, Russian, Swedish	English, French, German, Italian, Spanish, Portuguese, Chinese, Korean, Russian, Swedish	English, French, German, Italian, Spanish, Portuguese, Chinese, Korean, Russian, Swedish	English, German, French, Italian, Spanish, Portuguese
VESA Mounting Hole	VESA Standard Mounting (600mm x 400mm)	VESA Standard Mounting (600mm x 400mm)	VESA Standard Mounting (600mm x 400mm)	Optional Bracket
Input Terminal				
Composite Video	1 (RCA)	1 (RCA)	1 (RCA)	1 (RCA)
S-Video	1 (S-Video)	1 (S-Video)	1 (S-Video)	1 (S-Video)
Component1	1 (RCA [Y/Pb/Pr])	1 (RCA [Y/Pb/Pr])	1 (RCA [Y/Pb/Pr])	1 (RCA [Y/Pb/Pr])
RGB 1 (PC 1)	1 (D-sub 15pin)	1 (D-sub 15pin)	1 (D-sub 15pin)	1 (BNC [Y/Pb/Pr])
RGB 2 (PC 2)	1 (BNC [RGBHV])	1 (BNC [RGBHV])	1 (BNC [RGBHV])	1 (D-sub 15pin)
DVI	1 (29 pin DVI)	1 (29 pin DVI)	1 (29 pin DVI)	1 (29pin DVI)
RS-232C	1 (D-sub 9pin)	1 (D-sub 9pin)	1 (D-sub 9pin)	1 (mini jack)
Audio	2 mini jack (for DVI & D-sub 15Pin), 2 RCA(L/R) (for Component & Composite)	2 mini jack (for DVI & D-sub 15Pin), 2 RCA(L/R) (for Component & Composite)	2 mini jack (for DVI & D-sub 15Pin), 2 RCA(L/R) (for Component & Composite)	1 x mini jack, 2 x RCA
Output Terminal				
Composite Video	1 (RCA)	1 (RCA)	1 (RCA)	-
RGB 1 (PC 1)	1 (D-sub 15pin)	1 (D-sub 15pin)	1 (D-sub 15pin)	1 (D-sub 15pin)
RS-232C	1 (D-sub 9pin)	1 (D-sub 9pin)	1 (D-sub 9pin)	1 (D-sub 9pin)
Audio	1 RCA (L/R) (for Composite Out)	1 RCA (L/R) (for Composite Out)	1 RCA (L/R) (for Composite Out)	-
Speaker	External Speaker Jack (L/R), 10W x 2	External Speaker Jack (L/R), 10W x 2	External Speaker Jack (L/R), 10W x 2	External Speaker (L/R), 10W x 2
Operation Condition				
Temperature	0 ~ 40 °C	0 ~ 40 °C	0 ~ 40 °C	0 ~ 40 oC
Humidity	20 ~ 80 %	20 ~ 80 %	20 ~ 80 %	20 ~ 80 %
Altitude	700 hps (0m) ~ 1,114 hps (3,000m)	700 hps (0m) ~ 1,114 hps (3,000m)	700 hps (0m) ~ 1,114 hps (3,000m)	700 hps (0m) ~ 1,114 hps (3,000m)
Supplied Accessories	Tabletop Stand 2pcs, Remote control (Batteries included), Power Cord MDC S/W, PC Cable, Owner's Instruction	Tabletop Stand 2pcs, Remote control (Batteries included), Power Cord MDC S/W, PC Cable, Owner's Instruction	Tabletop Stand 2pcs, Remote control (Batteries included), Power Cord MDC S/W, PC Cable, Owner's Instruction	Remote control(Batteries included), Power Cord, Speaker wires, MDC S/W, Pivot S/W, PC Cable, MDC Cable, Owner's Instruction
Optional Accessories				
Wall Mount	Yes	Yes	Yes	Yes
Stand	-	-	-	Yes
Speaker	Yes	Yes	Yes	Yes
Warranty	2 Years	2 Years	2 Years	2 Years





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