

◦ ENABL3D: Auto-stereoscopic 3D LCD Screens

The new Enabl3D range from Magnetic represents the cutting edge of 'glasses-free' 3D screen technology.

Using the latest generation of auto-stereoscopic (or 'lenticular') LCD technology, Magnetic Enabl3D screens allow incredible resolution and outstanding 3D large format displays without the need for any special glasses, eyewear, headgear or projectors.

Providing the ultimate in eye-catching, crowd-stopping displays, media and digital signage; video images and content appear to fly out of the screen and float in mid air!

The effect truly has to be seen to be believed.

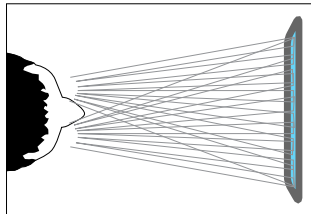
The Magnetic 3D proprietary overlay and industry-leading 3D render software combine to deliver truly stunning visual effects - all without the need for viewers to wear 3D glasses...

Main Features:

- Glasses-free 3D screen technology
- Autostereoscopic, Full-HD 1080p LCD screens
- 9-point multi-viewing 3D zones
- 176° ultra-wide viewing angle
- 50,000 hours viewing time
- Durable and discreet design and build
- IRFM technology helps prevent 'screen burn'
- Configurable Inputs/Outputs
- Active ambient light sensor for energy saving control

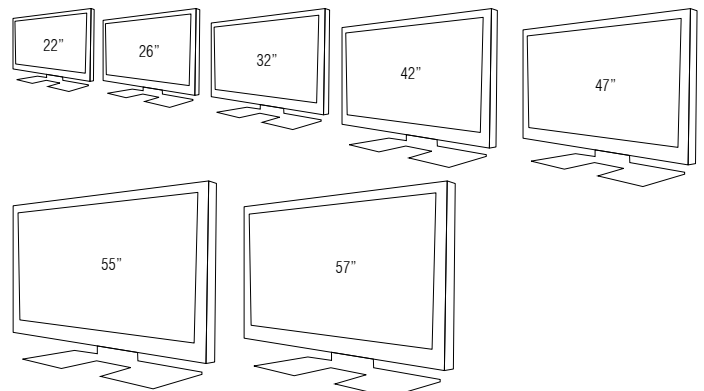
How does 3D Auto-stereoscopic screen technology work?..

Also known as 'lenticular', this glasses-free system is regarded as the ideal long-term 3D solution. A sheet of transparent, cylindrical lenses (known as 'lenticules') is fixed to a professional-grade, high definition LCD screen. These lenticules reflect light in specific, duplex acute angles to generate different images to each eye.



Part Numbers / Screen sizes:

- **22Enable3D:** 22" 3D Stereoscopic Enabled Display Screen
- **26Enable3D:** 26" 3D Stereoscopic Enabled Display Screen
- **32Enable3D:** 32" 3D Stereoscopic Enabled Display Screen
- **42Enable3D:** 42" 3D Stereoscopic Enabled Display Screen
- **42Enable3DOF:** 42" 3D Stereoscopic Enabled Open-frame Display Screen
- **47Enable3D:** 47" 3D Stereoscopic Enabled Display Screen
- **55Enable3D:** 55" 3D Stereoscopic Enabled Display Screen
- **57Enable3D:** 57" 3D Stereoscopic Enabled Display Screen



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Specifications:

Model:	22Enabl3D	26Enabl3D	32Enabl3D	42Enabl3D0F	42Enabl3D	47Enabl3D	55Enabl3D	57Enabl3D
Display Diagonal	22"	26"	32"	42"	42"	47"	55"	57"
Optimum Viewing Distance	1.2 - 3 metres	1.8 - 3.7 metres	1.8 - 3.7 metres	2.4 - 6 metres	3 - 6 metres	3.7 - 7.3 metres	4 - 7.8 metres	4.8 - 8.5 metres
Perceived 3D Depth	0.3 metres	0.45 metres	0.5 metres	0.6 metres	0.6 metres	0.7 metres	0.8 metres	0.98 metres
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Display Resolution (WXGA)	1680 x 1050	1920 x 1200	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1079	1920 x 1080
Dimensions (W x H x D)	503 x 418 x 240mm	608 x 440 x 161mm	793 x 483 x 94mm	1018 x 610 x 124mm	1022 x 615 x 124mm	1136 x 686 x 126mm	1265 x 835 x 135mm	1358 x 793 x 154mm
Weight	7.8kg	9kg	14kg	28kg	30kg	40kg	55kg	136kg

Additional Specifications:

Signal:	22Enabl3D	26Enabl3D	32Enabl3D	42Enabl3D0F	42Enabl3D	47Enabl3D	55Enabl3D	57Enabl3D
3D Viewing Angle (Left/Right)	50° / 50°	50° / 50°	50° / 50°	50° / 50°	50° / 50°	50° / 50°	50° / 50°	50° / 50°
2D Viewing Angle	170° / 160°	176° / 176°	176° / 176°	176° / 176°	176° / 176°	176° / 176°	176° / 176°	176° / 176°
Brightness	280 nits	350 cd/m ²	450 cd/m ²	660 cd/m ²	661 cd/m ²	400 cd/m ²	TBD	450 cd/m ²
Contrast Ratio	1000:1	1500:1	3000:1	4000:1	4000:1	4000:1	TBD	1800:1
Response Time	5ms	8ms	6.5ms	6.5ms	6.5ms	6.5ms	6.5ms	6.5ms
Supported Colours	TBD	16.7M colours	16.7M colours	16.7M colours	16.7M colours	16.7M colours	16.7M colours	16.7M colours
Horizontal/Vertical Frequency	30~82KHz/50~75KHz	30~80KHz/56~75KHz	35~65KHz/56~75KHz	30~80KHz/56~75KHz	30~80KHz/56~75KHz	30~80KHz/56~75KHz	30~80KHz/56~75KHz	30~80KHz/56~75KHz
Input/Output Connectors	VGA/DVI	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video	DVI/VGA/Component/ AV/S-video
Mount Type	100 x 100mm VESA	200 x 200mm VESA	200 x 200mm VESA	200 x 200mm VESA	200 x 200mm VESA	200 x 200mm VESA	200 x 200mm VESA	200 x 200mm VESA
Power Supply	12v DC	230v AC	230v AC	230v AC	230v AC	230v AC	230v AC	230v AC
Normal Operation Power	<50W	<168W	<168W	<230W	<230W	<250W	<250W	300W
Source Auto Detect		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating Temperature	5°~40°C	5°~40°C	5°~40°C	5°~40°C	5°~40°C	5°~40°C	5°~40°C	5°~40°C