

3D MADE SIMPLE ... no glasses needed

EXCELLENT 3D PICTURE QUALITY

Deliver your message in stunning 3D with best in class 3D picture quality. Our 28 views ensure a very smooth picture and with a 150 degrees viewing angle we give you the freedom of movement to enjoy the 3D from any angle!



ANY LOCATION

With our unique software you can enjoy your 3D content on any Philips 3D screen at any location by adjusting the viewing distance and depth factor on the spot.

AMAZE YOUR AUDIENCE

Whether you want to amaze, attract and grasp the attention of the public or you are looking for ways to improve your brand image, the new Philips 3D Displays without glasses will simply create an overwhelming impact. Hassle free, guaranteed!

EASY CONTENT

Content creation for our 2D plus depth format is made easy. We provide real-time conversion solutions for normal 2D and stereo content to enable you to enjoy almost any existing content without glasses in 3D.

55" 3D LCD Monitor

Just imagine, no limits.

'Big is beautiful' especially holds for 3D displays. Hence, our 55" is top of the line with a superb 3D experience that will captivate the spectators without the need for 3D eyewear.

The 28-view 3D display ensures an extremely smooth 3D performance without any moiré or banding effects. The integrated Dimenco rendering core which is based on advanced display signal-processing, offers content creators and end-users full control over the quality and depth-effect characteristics of the picture. The flexible 3D data format, in the form of 2D-plus-Depth, allows easy creation or adaptation of applications and content for the display.

The slim bezel design adds a stylish look to a public display to blend in nicely in most environments. Enjoy stunningly clear video images thanks to the 120 Hz panel. Even fast moving action scenes can be seen without being blurred, which will enhance the viewing experience.



Technical Specifications

Multiview lenticular display

- Autostereoscopic 3D display: 28-view
- 3D Technology: fixed lenticular
- 3D viewing angle (H / V): 150 / 150 degree
- 3D input Format: 2D-plus-Depth
- LCD panel type: TFT-LCD
- Diagonal screen size: 55 inch / 140 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 1300:1
- Response time (typical): 10 ms
- Aspect ratio: 16:9
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1.06 Billion colors
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Display technology: 120 Hz Panel

Connectivity

- Signal Input: DVI-D (digital)
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1m, RJ45
- AV input: HDMI x1, Audio (L/R) x2, Composite (BNC) x1
- AV output: Audio (L/R) x1
- Other connections: Display Port, AC-out, External loudspeaker connector

Advanced display signal processing

- Integrated 2D/3D display processing hardware
- 3D data interface
- 2D-plus-Depth converted to 28 different views and interwoven into a 3D
- Dimenco rendering is tuned for lenticular optical behavior
- Two modes:
 - 3D rendering mode
 - 2D mode with picture quality improvement

Dimensions / Weight

- Bezel thickness: 19.5 mm / 0.8 inch
- Smart insert (WxHxD): 300 x 320 x 64 mm / 11.81 x 11.89 x 2.52 inch
- Set dimensions (WxHxD): 1252 x 723 x 122 mm / 49.3x28.5x4.8 inch
- Set dimensions with stand (HxD): 773 x 405 mm / 30.4 x 16.0 inch
- Product weight: 80 kg / 176 lb
- VESA Mount: 200x200mm, 400x200mm (Set), 100x100mm (Smart insert)

Operating conditions

- Temperature range (operation): 0 – 40 °C
- Relative humidity: 5 – 90%
- MTBF: 60,000 hour(s)

Convenience

- Placement: Landscape
- Picture in picture: PBP, PIP, POP
- Screen saving functions: Pixel shift, Low bright
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced color control
- Packaging: Reusable box
- Network controllable: RS232, RJ45

Power

- Mains power: 90-264 VAC, 50/60 Hz
- Consumption (On mode): Typ. 214 W
- Standby power consumption: < 1 W

Sound

- Built-in speakers: 2 x 12 W (8 ohm)

Accessories

- Included accessories:
 - Remote Control, Batteries for remote control, AC Power Cord, DVI cable, User manual on CD-ROM, Quick start guide
 - 3D software:
 - Display Control Tool, offers real-time control of the following monitor functions: Depth factor and offset, optimal viewing distance, advanced 3D visualization parameters
 - 3D Media Player
- Optional accessories: Table stand

Miscellaneous

- Bezel: metallic anthracite
- Warranty: Europe/North America: 1 year
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, RoHS

23” 3D LCD Monitor

The smallest 3D monitor of our commercial range still gives an impressive 3D effect. Whether the display is used for a desktop, digital signage or point-of-sale purpose, it simply gives a very lifelike and comfortable 3D viewing experience.

We have 3D content creation tools and conversion services available for making stunning 3D content. Moreover, there are also many real-time applications that operate on a 3D dataset. These applications, such as games, design, etc. use the OpenGL or Direct3D graphics library. For both we have tools available that support real-time extraction and usage of the depth information and thus real-time visualization on our 3D displays.



Technical Specifications

Multiview lenticular display	
<ul style="list-style-type: none">• Autostereoscopic 3D display: 28-view• 3D Technology: fixed lenticular• 3D viewing angle (H / V): 150 / 150 degree• 3D input Format: 2D-plus-Depth• LCD panel type: TFT-LCD• Diagonal screen size: 23 inch / 58.4 cm• Panel resolution: 1920x1080p• Optimum resolution: 1920 x 1080 @ 60Hz• Brightness: 300 cd/m²• Contrast ratio (typical): 1000:1• SmartContrast: 20Mio:1• Response time (typical): 5 ms• Aspect ratio: 16:9• Pixel pitch: 0.265 x 0.265 mm• Display colors: 16.7 Million colors	
Connectivity	
<ul style="list-style-type: none">• Signal Input: DVI-D (digital)• USB: 1 x USB 2.0• Audio in/out: stereo audio	
Advanced display signal processing	
<ul style="list-style-type: none">• Integrated 2D/3D display processing hardware• 3D data interface• 2D-plus-Depth converted to 28 different views and interwoven into a 3D• Dimenco rendering is tuned for lenticular optical behavior• Two modes:<ul style="list-style-type: none">- 3D rendering mode- 2D mode with picture quality improvement	
Convenience	
<ul style="list-style-type: none">• Placement: Landscape• Screen saving functions: Pixel shift, Low bright• Keyboard control: Hidden, Lockable• Energy saving functions: Ambient light sensor, Smart Power• Safety control functions: Heat Control, Temperature Sensor• Picture performance: Advanced color control• Packaging: Reusable box	
Operating conditions	
<ul style="list-style-type: none">• Temperature range (operation): 0 to 40 °C• Temperature range (storage): -20 to 60 °C• Relative humidity: 20–80%• MTBF: 50,000 hour(s)	

Dimensions / Weight	
<ul style="list-style-type: none">• Product with stand: 566 x 499 x 249 mm• Product without stand: 566 x 360 x 50 mm• Packaging (W x H x D): 615 x 478 x 171 mm• Product with stand (kg): 6.10 kg• Product without stand (kg): 5.76 kg• Product with packaging (kg): 7.90 kg• VESA Mount: 100x100mm	
Power	
<ul style="list-style-type: none">• On mode: 28.62 W (EnergyStar 5.0 test method)• Standby mode: 0.1 W• Off mode: 0.1 W• Power LED indicator: Operation - White, Standby mode - White (flashing)• Power supply: Built-in, 100-240 VAC, 50/60 Hz	
Sound	
<ul style="list-style-type: none">• Built-in speakers: 2 x 1.5 W	
Accessories included	
<ul style="list-style-type: none">• AC Power Cord, DVI cable, User manual on CD-ROM, Quick start guide• Stand:<ul style="list-style-type: none">- Height adjustment: up to 70 mm- Swivel: -65 / 65 degree- Tilt: -5 / 20 degree• 3D software:<ul style="list-style-type: none">- Display Control Tool, offers real-time control of the following monitor functions: Depth factor and offset, optimal viewing distance, advanced 3D visualization parameters- 3D Media Player	
Miscellaneous	
<ul style="list-style-type: none">• Cabinet:<ul style="list-style-type: none">- Colour: Black/Silver, Black/Black- Finish: Texture• On-Screen Display Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish• User convenience: SmartImage, Brightness, Power On/Off, SmartPower, Menu• Other convenience: VESA mount (100 x 100 mm), Kensington lock• Plug and Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP, sRGB• Warranty: Europe/North America: 1 year• Regulatory approvals: CE, RoHS, GOST	

42” 3D LCD Monitor

A full 3D experience without the need for special glasses.

Deliver your messages in stunning 3D, with excellent picture quality and no need for special glasses. With 28 views you can deliver jaw dropping images that will amaze your audience. The very wide 3D viewing angle of 150° ensures that a large group of spectators can enjoy the 3D experience at the same time. Furthermore, depending on the application, the optimal 3D viewing distance can be set in a second.

The displays can be applied in a broad range of applications, since it can be operated in both 2D and 3D mode. The system solution is designed for maximum reuse of content/concepts from the 2D world. The key enabler for this is the flexible 2D-plus-Depth format that allows decoupling of content creation and content visualization. This allows applications where different 3D display screen sizes and designs can be applied in the



Technical Specifications

Multiview lenticular display	
<ul style="list-style-type: none">• Autostereoscopic 3D display: 28-view• 3D Technology: fixed lenticular• 3D viewing angle (H / V): 150 / 150 degree• 3D input Format: 2D-plus-Depth• LCD panel type: TFT-LCD• Diagonal screen size: 42 inch / 107 cm• Panel resolution: 1920x1080p• Optimum resolution: 1920 x 1080 @ 60Hz• Brightness: 700 cd/m²• Contrast ratio (typical): 1100:1• Response time (typical): 9 ms• Aspect ratio: 16:9• Pixel pitch: 0.485 x 0.485 mm• Display colors: 1.06 Billion colors• Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement	
Connectivity	
<ul style="list-style-type: none">• Signal Input: DVI-D (digital)• Sync Input: Separate Sync, Sync on Green• PC: DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1• AV input: HDMI x1, Composite (RCA) x1, Composite (BNC) x1, S-video x1, Audio (L/R) x2, Component (YPbPr) x1• AV output: Composite (BNC) x1, Audio (L/R) x1• Other connections: AC-out, External loudspeaker connector	
Advanced display signal processing	
<ul style="list-style-type: none">• Integrated 2D/3D display processing hardware• 3D data interface• 2D-plus-Depth converted to 28 different views and interwoven into a 3D• Dimenco rendering is tuned for lenticular optical behavior• Two modes:<ul style="list-style-type: none">- 3D rendering mode- 2D mode with picture quality improvement	
Dimensions / Weight	
<ul style="list-style-type: none">• Bezel thickness: 1.6 cm / 0.63 inch• Smart insert (WxHxD): 160 x 300 x 55 mm / 6.30 x 11.81 x 2.17 inch• Set dimensions (WxHxD): 968 x 559 x 132 mm / 38.1 x 22 x 5.2 inch• Set dimensions with stand (HxD): 606 x 405 mm / 23.9 x 15.9 inch• Product weight: 37 kg / 81.6 lb• VESA Mount: 200x200mm, 400x200mm (Set), 100x100mm (Smart insert)	

Convenience	
<ul style="list-style-type: none">• Placement: Landscape• Picture in picture: PBP, PIP, POP• Screen saving functions: Pixel shift, Low bright• Keyboard control: Hidden, Lockable• Ease of installation: AC Out, Carrying Handles, Smart Insert• Energy saving functions: Ambient light sensor, Smart Power• Safety control functions: Heat Control, Temperature Sensor• Picture performance: Advanced color control• Packaging: Reusable box• Network controllable: RS232	
Operating conditions	
<ul style="list-style-type: none">• Temperature range (operation): 0 – 40 °C• Relative humidity: 5 – 90%• MTBF: 50,000 hour(s)	
Power	
<ul style="list-style-type: none">• Mains power: 90-264 VAC, 50/60 Hz• Consumption (On mode): Typ. 133W• Standby power consumption: < 1W	
Sound	
<ul style="list-style-type: none">• Built-in speakers: 2 x 5 W (8 ohm)	
Accessories	
<ul style="list-style-type: none">• Included accessories:<ul style="list-style-type: none">- Remote Control, Batteries for remote control, AC Power Cord, DVI cable, User manual on CD-ROM, Quick start guide• 3D software:<ul style="list-style-type: none">Display Control Tool, offers real-time control of the following monitor functions: Depth factor and offset, optimal viewing distance, advanced 3D visualization parameters3D Media Player• Optional accessories: Table stand (BM05211)	
Miscellaneous	
<ul style="list-style-type: none">• Bezel: metallic anthracite• Warranty: Europe/North America: 1 year• On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian,	
Simplified Chinese	
<ul style="list-style-type: none">• Regulatory approvals: CE, RoHS	