Vivid colours, crisp details

in an elegant design

Experience brilliant, crisp images like never before with this full HD display. With an elegant, slim design and SmartImage lite, it looks stunning from every angle!

Benefits

Superb Picture Quality
• LED technology for brilliant colours and energy efficiency
• 16:9 Full HD display for crisp, detailed images
• SmartImage Lite for easy optimised image settings
• SmartContrast for deep black level details

Elegant Design
• Modern Touch controls complement the design

Experience immersive multimedia
• Superb black cherry glossy finish
• Elegant, slim design complements your home decor

Features

LED technology
White LED’s are solid state devices which light up to full, consistent brightness faster saving startup time. LED’s are free from mercury content, which allows for eco-friendly recycling and disposal process. LED’s allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

PHILIPS
16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

SmartContrast

SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Modern Touch controls

Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

MHL technology

Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### Picture/Display

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD panel type</td>
<td>TFT-LCD</td>
</tr>
<tr>
<td>Backlight type</td>
<td>W-LED system</td>
</tr>
<tr>
<td>Panel Size</td>
<td>21.5 inch/54.6 cm</td>
</tr>
<tr>
<td>Effective viewing area</td>
<td>476.6 (H) x 268.1 (V)</td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Optimum resolution</td>
<td>1920 x 1080 @ 60 Hz</td>
</tr>
<tr>
<td>Brightness</td>
<td>250 cd/m²</td>
</tr>
<tr>
<td>Response time (typical)</td>
<td>1 ms (Grey to Grey)*</td>
</tr>
<tr>
<td>Contrast ratio (typical)</td>
<td>1000:1</td>
</tr>
<tr>
<td>SmartContrast (typical)</td>
<td>20,000,000:1</td>
</tr>
<tr>
<td>Pixel pitch</td>
<td>0.248 x 0.248 mm</td>
</tr>
<tr>
<td>Viewing angle (V)</td>
<td>170º (H)/160º (V)</td>
</tr>
<tr>
<td>@ C/R &gt; 10</td>
<td></td>
</tr>
<tr>
<td>Picture enhancement</td>
<td>SmartImage Lite</td>
</tr>
<tr>
<td>Display colours</td>
<td>16.7 M</td>
</tr>
<tr>
<td>Scanning Frequency</td>
<td>30–83 kHz (H)/56–75 Hz (V)</td>
</tr>
<tr>
<td>MHL</td>
<td>1080p@30Hz</td>
</tr>
<tr>
<td>sRGB</td>
<td>Yes</td>
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### Connectivity

<table>
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<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Signal Input</td>
<td>VGA (Analogue)</td>
</tr>
<tr>
<td>DVI-D (digital, HDCP)</td>
<td></td>
</tr>
<tr>
<td>MHL-HDMI (digital, HDCP)</td>
<td></td>
</tr>
<tr>
<td>Sync Input</td>
<td>Separate Sync</td>
</tr>
<tr>
<td>Audio (In/Out)</td>
<td>Sync on Green</td>
</tr>
<tr>
<td>HDMI audio out</td>
<td></td>
</tr>
</tbody>
</table>

### Convenience

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>User convenience</td>
<td>Power On/Off</td>
</tr>
<tr>
<td>Menu</td>
<td></td>
</tr>
</tbody>
</table>
Input
SmartImage Lite
OSD Languages
Brazil Portuguese
Czech
Dutch
English
Finnish
French
German
Greek
Hungarian
Italian
Japanese
Korean
Polish
Portuguese
Russian
Simplified Chinese
Spanish
Swedish
Traditional Chinese
Turkish
Ukrainian
Other convenience
Kensington lock
Plug and Play
DDC/CI
Compatibility
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7

Stand
Tilt
-5/20 degree

Power
On mode
13.44 W (typ.) (EnergyStar 6.0 test method)
Standby mode
0.5 W (typ.)
Off mode
0.3 W (typ.)
Power LED indicator
Operation - White
Standby mode - White (flashing)
Power supply
100-240 VAC, 50-60 Hz

Dimensions
Product with stand (mm)
511 x 400 x 212 mm
Product without stand (mm)
511 x 318 x 36 mm
Packaging in mm (W x H x D)
562 x 466 x 106 mm

Weight
Product with stand (kg)
2.95 kg
Product without stand (kg)
2.58 kg
Product with packaging (kg)
4.50 kg

Operating conditions
Temperature range (operation)
0°C to 40°C °C
Temperature range (storage)
-20°C to 60°C °C
Relative humidity
20%–80% %
Altitude
Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF
50,000 (excluding backlight) hour(s)

Sustainability
Environmental and energy
EnergyStar 6.0
EPEAT Silver
RoHS
Lead-free
Mercury Free
Recyclable packaging material
100 %

Compliance and standards
Regulatory Approvals
CE Mark
FCC Class B
CU-EAC
SEMKO
ETL
TUV/ISO9241-307
SASO
WEEE
EPA
KUCAS
RCM

Cabinet
Colour
Black Cherry
Finish
Glossy

What's in the box!
Monitor with stand
yes
Cables
VGA, Audio, Power
User Documentation
yes

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org
* HDMI cables vary depending on region and models.
* Response time value equal to SmartResponse

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