

Philips

Multi-Touch Display

- 32"
- Edge LED Backlight
- Full HD
- Infrared, 6 Touch points

BDT3250EM/06

More audience interaction

with the multi-touch screen display

Deliver vital information or marketing messages to your audience in startling clarity. And thanks to the interactive touch screen, you can also engage your customer much more closely than ever before.

Benefits

Optimised for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy

Supreme audience interaction

- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Compatible with all leading operating systems

Operational flexibility

- Smart Control Software Suite
- Smart insert in the back cover to place a small PC

Lower total cost of ownership

- SmartPower for energy saving

Features

Full HD 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.

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IPS Display Technology

Philips IPS displays uses an advanced technology, which gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in portrait mode. IPS displays give you remarkably crisp images with vivid colours, particularly suitable for professional video wall and menu board applications, which demand colour accuracy and consistent brightness at all times.

6 simultaneous touch points

Enjoy a more interactive experience with up to 6 touch points at the same time. Ideal for when you have more than one user interacting with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

Infrared Touch

With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when the screen is touched by a finger, glove or stylus. And no "ghost points".

Smart Control

Control and manage all of the signage displays on your network with this powerful software tool, which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the colour settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

Smart Insert

Professional PCs are part of most public signage installations. Quite often they increase the overall depth of the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the back cover, which is ideal for the integration of a professional small form factor PC. On top of that, the cable management system offers a great solution to keep your cables neat and professional-looking.

Software compatibility

Our touch displays are software-independent and support Windows 8, Windows 7, Vista, XP, Mac OS and Linux.

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

Diagonal screen size (inch)	31.55 inch
Diagonal screen size (metric)	80 cm
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	400 cd/m²
Contrast ratio (typical)	1400:1
Dynamic contrast ratio	7000:1
Aspect ratio	16:9
Response time (typical)	8 ms
Pixel pitch	0.36375 x 0.36375
Display colours	16.7 million
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing Dynamic contrast enhancement 3D MA deinterlacing

Interactivity

Multi-touch technology	Infrared touch
Touch points	6 simultaneous touch points
Protection glass	5 mm tempered safety glass

Connectivity

PC	RJ45 VGA-in D-Sub 15HD VGA-out (via DVI-I) RS232 D-Sub9 RS232 D-sub9 output 3.5 mm PC audio input x 1
AV input	DVI-D x 1 Component (BNC) x 1 Composite (BNC) x 1
Other connections	Display Port DVI Out HDMI AC-out IR out External loudspeaker connector USB
AV output	Audio (L/R) x 1

Supported Display Resolution

Computer formats	640 x 480, 60, 67, 72, 75 Hz 1024 x 768, 60 Hz 1280 x 768, 60 Hz 1280 x 800, 60 Hz 1280 x 1024, 60 Hz 1360 x 768, 60 Hz 1366 x 768, 60 Hz 1600 x 1200, 60 Hz 1920 x 1080, 60 Hz 1920 x 1200, 60 Hz 1440 x 900, 60 Hz 800 x 600, 60, 72, 75 Hz
Video formats	480i, 60 Hz 480p, 60 Hz 576i, 50 Hz 576p, 50 Hz 720p, 50, 60 Hz 1080i, 50, 60 Hz 1080p, 50, 60 Hz

Convenience

Placement	Portrait Landscape
Picture in picture	PBP PIP POP
Network controllable	RJ45 RS232 HDMI (One Wire)
Signal Loop Through	DVI RS232 VGA IR Loop through
Energy-saving functions	Smart Power
Ease of installation	AC Out Smart Insert
Keyboard control	Hidden Lockable
Packaging	Reusable box
Remote control signal	Lockable

Power

Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (On mode)	41.13 W (EnergyStar 6.0 test method)

Standby power consumption	<0.5 W

Dimensions

Product weight	19.8 kg
VESA Mount	400 x 200 mm
Bezel width	38 mm
Set Depth	78 mm
Set Height	471 mm
Set Width	779 mm

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	- 20 ~ 60 °C
Relative humidity	20 ~ 80 %
Altitude	0 ~ 3000 m
MTBF	50,000 hour(s)

Sound

Built-in speakers	2 x 10 W RMS

Accessories

Included accessories	Touch Driver on USB Remote Control Batteries for remote control AC Power Cord VGA cable USB cable User manual on CD-ROM Quick start guide

Miscellaneous

Warranty	3-year warranty
On-Screen Display Languages	English French German Italian Polish Turkish Russian Simplified Chinese Spanish Traditional Chinese
Regulatory approvals	CCC CE FCC, Class B RoHS UL/cUL C-Tick

* Please note: Philips BDT multi-touch displays are based on original BDL signage displays. The original BDL model number and serial number are activated in the OSD menu of the display. For regulatory approvals please refer to the original BDL model number.

data subject to change
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