Philips Signage Solutions
Multi-Touch Display

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

SignageSolutions

BDT3250EM



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.

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

Supreme audience interaction
- Infrared Touch
- True multi-touch with 6 simultaneous touch points
- 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

PHILIPS

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

BDT3250EM/06

Specifications

Picture/Display
- Diagonal screen size: 31.55 inch / 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 (H / V): 178 / 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

Resolution	Refresh rate
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

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz


Portrait Mounting



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 dimensions (W x H x D): 779 x 471 x 78 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

Highlights

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.

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.

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* 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.