

Philips
LCD Touch monitor

165 cm (65")

multimedia
Full HD

BDT6531EM



More audience interaction

with the multi-touch 165-cm (65") LCD 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.

Operational flexibility

- Infrared Touch
- True multi-touch with 6 simultaneous touch points
- Software Independent
- Smart insert in the back cover to place a small PC
- Designed for 24/7 operation
- HDMI input

Optimised for public touch

- Full HD LCD display, 1920 x 1080p
- Slim bezel design for a stylish look

Lower total cost of ownership

- SmartPower for energy saving

Sustainable and safe

- Complies with RoHS standards of care for the environment

PHILIPS

Specifications

Picture/Display

- Diagonal screen size: 65 inch / 165.1 cm
- Aspect ratio: 16:9
- Brightness: 500 cd/m²
- Contrast ratio (typical): 2500:1
- Display colours: 16.7 million colours
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.63 x 0.63 mm
- Response time (typical): 8 ms
- Viewing angle: 178° (H)/178° (V)

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1024 x 768	60 Hz
1280 x 1024	60 Hz
1280 x 768	60 Hz
1280 x 800	60 Hz
1360 x 768	60 Hz
1366 x 768	60 Hz
1440 x 900	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz
1920 x 1200	60 Hz
640 x 480	60, 67, 72, 75 Hz
800 x 600	56, 60, 72, 75 Hz

Video formats

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

Accessories

- Included accessories: AC Power Cord, Batteries for remote control, Owner's Manual, Remote Control, User manual on CD-ROM, VGA cable, Touch Driver on USB
- Optional accessories: Ceiling mount, Fixed wall mount, Flexible wall mount, Electric Stand BMT1851/00, Software Omnitapps BMT1909/00, Multi User Touch SW

Connectivity

- AV input: Composite (RCA) x 1, HDMI x 1, S-video x 1, Audio (L/R) x 1, Component RCA
- AV output: Audio (L/R) x 2
- Other connections: External loudspeaker connector
- PC: 3.5 mm PC audio input x 1, DVI-D x 1, RS232 D-Sub9, RS232 D-sub9 output, VGA-in D-Sub

- 15HD, VGA-out D-Sub 15HD
- Touch Screen: USB

Convenience

- Energy-saving functions: Ambient light sensor, Smart Power
- Keyboard control: Hidden, Lockable
- Network controllable: RS232
- Picture in picture: PBP, PIP, POP
- Picture performance: Advanced colour control
- Placement: Landscape
- Remote control signal: Lockable
- Safety control functions: Heat Control, Temperature Sensor
- Screen-saving functions: Pixel Shift, Low Brightness
- Ease of installation: Carrying Handles, Smart Insert

Dimensions

- Bezel thickness: 40.50 mm horizontal, 41.60 mm vertical
- Packaging dimensions (WxHxD): 1630 x 1040 x 295 mm
- Product weight: 74 kg
- Smart Insert mount: 300 x 320 x 64 mm
- VESA Mount: 400 x 400 mm
- Set dimensions (W x H x D): 1525 x 891 x 140.50 mm

Miscellaneous

- Bezel: black, RAL 9005F13
- On-Screen Display Languages: English, French, German, Italian, Polish, Russian, Simplified Chinese, Turkish
- Regulatory approvals: CCC, CE, FCC, Class B, RoHS, UL/cUL
- Warranty: Europe 3 years

Operating conditions

- MTBF: 50,000 hour(s)
- Relative humidity: 10-90 %
- Temperature range (operation): 0 - 40 °C

Power

- Consumption (On mode): 358
- Mains power: 90-264 V AC/50-60 Hz
- Standby power consumption: <1 W

Packaging Data

- Tare weight: 9 kg
- Number of products included: 1

Interactivity

- Multi-touch technology: 6-mm safety glass, 6 Touch points simultaneously, Infrared touch, USB connection

Highlights

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".

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.

Smart insert

Professional PCs are part of most multi-user Touch Screen installations. Quite often they add additional depth to the public display and a lot of cable clutter. This Multi-user Touch Screen contains a Smart insert in the back cover that will fit many professional compact PCs. In addition, it offers provisions for efficient cable management.

Slim bezel

A slim bezel design adds a stylish look to a Touch Screen to nicely blend in most environments.

Software Independent

Our touch screens are software independent and work with most touch-screen software commercially available, including Windows XP/7 and Mac OS, Omnitapps – BMT1909/00. Connect via USB to a PC or laptop.

Designed for 24/7 operation

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HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analogue signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backwards-compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

SmartPower

The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.



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