

PHILIPS

LCD Touch monitor

107 cm (42")

multimedia

Full HD

BDT4225EM



More audience interaction

with the multi-user touch screen

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

- 32 Touch Points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation

Optimised for public viewing

- Full HD LCD display, 1920 x 1080p
- HDMI input

Lower total cost of ownership

- Advanced anti-image Sticking Punction
- SmartPower for energy saving

Sustainable and safe

- Complies with RoHS standards of care for the environment

Highlights

32 Touch Points

Enjoy amazing functionality with 32 touch points on this touch screen. More flexibility and optimum performance combine with excellent operability opportunities to give you the ultimate in user interaction.

Designed for 24/7 operation

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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".

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.

Advanced anti-image sticking

Advanced anti-image Sticking Punction

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.



Slim Bezel



Smart Insert



Portrait Mounting



Lead Free

Specifications

Picture/Display

Diagonal screen size: 42 inch / 107 cm
Panel resolution: 1920 x 1080p
Optimum resolution: 1920 x 1080 @ 60 Hz
Brightness: 500 cd/m²
Contrast ratio (typical): 1400:1
Response time (typical): 5 ms
Aspect ratio: 16:9
Viewing angle: 178° (H)/178° (V)
Pixel pitch: 0.485 x 0.485
Display colours: 1.06 Billion colours
Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Supported Display Resolution

Computer formats

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

Connectivity

PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x 1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x 1
AV input: HDMI x 1, Component (BNC) x 1, Composite (RCA) x 1, Composite (BNC) x 1, S-video x 1, Audio (L/R) x 2
AV output: Composite (BNC) x 1, Audio (L/R) x 1
Touch Screen: USB

Convenience

Placement: Portrait, Landscape, Horizontal (table)
Picture in picture: PBP, PIP, POP
Screen-saving functions: Pixel Shift, Low Brightness
Keyboard control: Hidden, Lockable
Remote control signal: Lockable
Energy-saving functions: Smart Power
Picture performance: Advanced colour control

Dimensions

Set dimensions (W x H x D): 1024 x 617 x 140.79 mm
Bezel thickness: 46 mm horizontal, 44.5 mm vertical
Product weight: 38 kg
VESA Mount: 400 x 400 mm

Operating conditions

Temperature range (operation): 0 - 40 °C
Relative humidity: 5 - 90 %
MTBF: 50,000 hour(s)

Power

Mains power: 90-264 VAC, 50/60 Hz
Consumption (On mode): Typical: 135 W
Standby power consumption: < 1 W

Sound

Built-in speakers: 2 x 7 W (80 Ohm)

Accessories

Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Owner's Manual, 4 stainless steel feet, Touch Screen Driver
Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount, Electric Stand BMT1851/00, Multi User Touch SW, Software Omnitaps BMT1909/00

Miscellaneous

Bezel: black, RAL 9005F13
Warranty: Europe 2 years
On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese

Packaging Data

Packaging dimensions (W x H x D): 1175 x 840 x 310 mm
Tare weight: 25 kg
Number of products included: 1

Interactivity

Multi-touch technology: 32 Touch points Simultaneously, Infrared touch, USB connection, 4-mm safety glass

