Philips
LCD Touch monitor

107 cm (42")
multimedia
Full HD

BDT4225EM

More audience interaction

with the multi-touch screen 107 cm (42") LCD

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
- True multi-touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation
- Full HD LCD display, 1920 x 1080p
- HDMI input
- Touch Table

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

Can be used as Touch Table!
- Delivered with 4 stainless steel feet (8 cm)

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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.

Advanced anti-image sticking

Advanced anti-image Sticking Punction

Designed for 24/7 operation

Designed for 24/7 operation

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.

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.

Touch Table

This Multi-user Touch Screen can be used in a horizontal position. It is delivered with four 8-cm high stainless steel feet, which can be screwed in at the back corners of the monitor. With this feature you can turn this monitor into a Touch Table.

Full HD 1080p DISPLAY   SmartPower   Slim Bezel   Portrait Mounting   HDMI   DVI digital visual interface   VIDIWALL   Lead Free   Smart Insert

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
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
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
- Packaging dimensions (WxHxD): 1175 x 840 x 310 mm
- VESA Mount: 400 x 400 mm

Operating conditions

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

Sound

- Built-in speakers: 2 x 7 W (8 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 Driver on USB
- Optional accessories: Fixed wall mount, Flexible wall mount, Ceiling mount, Electric Stand BMT1851/00, Multi User Touch SW, Software Omnitapps BMT1909/00

Miscellaneous

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

Packaging Data

- Tare weight: 25 kg
- Number of products included: 1

Interactivity

- Multi-touch technology: 6 Touch points simultaneously, Infrared touch, USB connection, 4-mm safety glass

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