



Philips
LED Touch monitor



2 TOUCH POINTS

140 cm (55")

multimedia Full HD

BDT555 | EH/02

More audience interaction

with the touch screen 140 cm (55") LED 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 better than ever before.

Operational flexibility

- 2 Touch Points
- Optical Touch
- Software Independent
- Smart insert in the backcover to place a small PC
- Open pluggable Specification Slot

Optimized for public viewing

- Full HD LED display, 1920x1080p

Lower total cost of ownership

- Edge LED Backlight
- SmartPower for energy saving

Sustainable and safe

- Complies with RoHS standards to care for the environment

Free Touch software

- Comes with free Omnitapps Interactive Whiteboard software

PHILIPS

Highlights

Optical Touch

The integrated optical sensors on the edge of the screen give you perfect clarity whilst at the same time offering dual touch, opening up all kinds of possibilities for new, interactive applications.

2 Touch Points

Enjoy the interactivity of dual touch functionality. It has the advantage of fast response time in combination with the 2 touch point functionality so not only single touch software can be used but also dual (multi) touch software, which makes it more versatile and more useful.

Smart insert

Professional PC's are part of most public signage installations. Quite often they increase the overall depth to the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the backcover 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.

OPS Slot

Developed for the Digital Signage market, the Open Pluggable Specification (OPS) slot is designed to make changing or upgrading your media player mere child's play. Simply plug your media player in to the display - and you're ready. No matter whether you have an entry level, mid-range or high-end media player, OPS is fully compatible bringing you a lower TCO over the longer term.

Edge LED Backlight

Experience an even dispersion of light with cutting edge LED (light emitting diodes) technology. White LED's are positioned around the rim of the panel to give a more even spread of light. This results in even lower power consumption, less heat to dissipate, and a true, uniform color range.

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.

Full HD LED display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LED screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Software Independent

Our touch screens are software independent and work with most touch screen software commercially available, including Windows XP/7/8 and Mac OS, Omnitapps – BMT1909/00. Connect via USB to a PC or laptop.

FREE Omnitapps Interactive Whiteboard Software

Omnitapps Interactive Whiteboard software has all the functions of a normal whiteboard with markers/pens and can maximize your customers' interactivity. It is equipped with features for a perfect aim while giving presentations and meetings. With the user friendly interface, the Omnitapps Whiteboard Software can be easily managed in schools and conference rooms.



Specifications

Picture/Display

- Panel resolution: 1920x1080p
- Brightness: 450 cd/m²
- Response time (typical): 6.5 ms
- Contrast ratio (typical): 4000:1
- Aspect ratio: 16:9
- Pixel pitch: 0.21 x 0.63 mm
- Display colors: 1.07 billion
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing
- Viewing angle (H/V): 178 / 178 degree
- Optimum resolution: 1920 x 1080 @ 60Hz

Supported Display Resolution

Computer formats

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

Video formats

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

Connectivity

- PC: RJ45, VGA-in D-Sub 15HD, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: DVI-D x1, Component (BNC) x1, Composite (BNC) x1
- Other connections: Display Port, DVI Out, HDMI, USB, AC-out, OPS
- AV output: Audio (L/R) x1

Dimensions

- Set dimensions (W x H x D): 1273 x 745 x 80,5 mm
- Bezel thickness: 29 mm
- VESA Mount: 400 x 400, 400 x 200, 200 x 200
- MTBF: 60,000 hrs
- Product weight: 47 kg

Convenience

- Placement: Landscape
- Picture in picture: PBP, PIP, POP
- Network controllable: RJ45, RS232, HDMI (One Wire)
- Signal Loop Through: DVI, VGA, RS232, IR Loophrough
- Energy saving functions: Smart Power
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Keyboard control: Hidden, Lockable
- Other convenience: Carrying handles
- Packaging: Reusable box
- Tiled Matrix: Up to 5 x 5

Power

- Consumption (On mode): Typ. 110W
- Power supply: 90-264 VAC, 50/60 Hz
- Standby power consumption: <0.5W

Operating conditions

- Relative humidity: 20 - 80 %
- Temperature range (operation): 0 - 40 °C

Sound

- Built-in speakers: 2 x 10W RMS

Accessories

- Included accessories: AC Power Cord, Batteries for remote control, Quick start guide, Remote Control, User manual on CD-ROM, VGA cable
- Stand: BM04642 Optional

Miscellaneous

- On-Screen Display Languages: English, French, German, Polish, Russian, Simplified Chinese, Spanish, Turkish, Italian
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST
- Warranty: 2 year warranty

Packaging dimensions

- Number of products included: 1
- Packaging type: Carton
- Packaging dimensions (WxHxD): 1480 x 980 x 280 mm
- Tare weight: 8,5 kg

Technical specifications

- Optical Touch
- 2 Touch points
- 5 mm safety glass

