

Philips
LCD Touch monitor

165 cm (65")
multimedia
Full HD

BDT6551VM



More audience interaction

with the multi user touch screen LCD Display

Deliver vital information or marketing messages to your audience in startling clarity. And thanks to the interactive touchscreen, you can also engage your customer much closer than ever before.

Operational flexibility

- True multi touch with 6 simultaneous touch points
- Infrared Touch
- Software Independent
- Designed for 24/7 operation
- Smart insert in the backcover to place a small pc

Optimized for public viewing

- High brightness for clearer images
- HDMI input

Lower total cost of ownership

- SmartPower for energy saving

PHILIPS

Specifications

Picture/Display

- Diagonal screen size: 65 inch / 165 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 2500:1
- Response time (typical): 8 ms
- Aspect ratio: 16:9
- Viewing angle: 178° (H) / 178° (V)
- Pixel pitch: 0.744 x 0.744 mm
- Display colors: 1.06 Billion colors

Supported Display Resolution

• Computer formats

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

• Video formats

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

Connectivity

- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1
- AV input: HDMI x1, Component RCA, Composite (RCA) x1, S-video x1, Audio (L/R) x1
- AV output: Audio (L/R) x2
- Other connections: AC-out, External loudspeaker connector

Convenience

- Placement: Portrait
- Picture in picture: PBP, PIP, POP
- Screen saving functions: Pixel shift, Low brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor,

Smart Power

- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced color control
- Network controllable: RS232

Dimensions

- Set dimensions (W x H x D): 1499 x 875 x 140.70 mm
- Bezel thickness: 32.5 mm horizontal, 28.5 mm vertical
- Product weight: 85 kg
- Smart Insert mount: 300 x 320 x 64 mm
- VESA Mount: 400 x 400 mm (Set), 100 x 100 mm (Smart insert)

Operating conditions

- Temperature range (operation): 0 - 40 °C
- Relative humidity: 10 - 90 %
- MTBF: 50.000 hour(s)

Power

- Mains power: 90-264 VAC, 50/60Hz
- Consumption (On mode): Typical 324W
- Standby power consumption: < 1W

Sound

- Built-in speakers: 2 x 12W (8 Ohm)

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick Start Guide, Touch Screen Driver, Smart insert

Miscellaneous

- Bezel: black, RAL 9005F13
- Warranty: Europe 3 years
- 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

- Packaging dimensions (WxHxD):: 1571 x 1089 x 324 mm
- Tare weight: 8.5 kg
- Number of products included: 1

Interactivity

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

Highlights

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 to interact with your application simultaneously, the 6 touch points offer an extremely cost-effective solution.

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 analog signal, it delivers an unblemished image. The nondegraded 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 backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

High brightness

Enjoy a clearer image in areas with greater ambient brightness thanks to the 700 nit panel. Your audience can enjoy better image quality in locations that are away from direct sunlight yet still brighter than average, optimizing the viewing experience.

Infrared Touch

With an invisible infrared grid on the top of the screen, you can enjoy amazing accuracy and fast response times, even when touched by a finger, glove or stylus. And no "ghost points".

Smart insert

Professional PC's 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 backcover that will fit many professional compact PC's. In addition it offers provisions for efficient cable management.

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.



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