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.

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

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

Sustainable and safe
- Complies with RoHS standards of care for the environment

PHILIPS

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.

Full HD LCD display

Full HD LCD display, 1920 x 1080p

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Specifications

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

Connectivity
- 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
- 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
- Touch Screen: USB

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

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

Supported Display Resolution
- Computer formats: 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: 1080i, 50, 60 Hz, 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz, 1080p, 50, 60 Hz

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

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

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

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

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