




Philips  
LCD Touch Information  
Kiosk



32 TOUCH POINTS

**107 cm (42")**  
multimedia Full HD

**BDT4225EK/32**

## More audience interaction

with the multi user touch information kiosk 107 cm (42") 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 closer than ever before.

### **Operational flexibility**

- Infrared Touch
- 32 Touch Points
- Software Independent
- Designed for 24/7 operation
- Kiosk height and angle for ergonomic use
- Storage space for PC in Kiosk

### **Optimized for public viewing**

- Full HD LCD display, 1920x1080p
- HDMI input for full digital HD connection in one cable

### **Lower total cost of ownership**

- SmartPower for energy saving
- Advanced anti image sticking function

### **Sustainable and safe**

- Complies with RoHS standards to care for the environment

**PHILIPS**  
sense and simplicity

# 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 touched by a finger, glove or stylus. And no "ghost points".

## 32 Touch Points

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

## Information Kiosk

The Multi user Touch screen of this kiosk is placed in a 45 degree angle for ergonomic use. The column is lockable and has space for a powerfull PC.

## 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

Multi user Touch Screens are used in the most demanding applications. The displays are therefore specifically designed and tested for heavy duty operation, even when 24/7 is required.

## 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 non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently com-

municates 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.

## 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.

## Advanced anti image sticking

Static images left on-screen for extended periods of time may leave a "ghost image" or image sticking effect on LCD displays. Although image sticking in LCD displays is not permanent, you want to prevent this to happen, especially in locations where content is shown 24/7.



# Specifications

## Picture/Display

- Diagonal screen size: 42 inch / 107 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 500 cd/m<sup>2</sup>
- Contrast ratio (typical): 1400:1
- Response time (typical): 5 ms
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.485 x 0.485
- Display colors: 1.06 Billion colors
- 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, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

### • Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	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 (BNC) x1, Composite (RCA) x1, Composite (BNC) x1, S-video x1, Audio (L/R) x2
- AV output: Composite (BNC) x1, Audio (L/R) x1
- Touch Screen: USB

## Convenience

- Placement: Landscape 45 degree
- 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 color control

## Dimensions

- Bezel thickness: 44,5mm vertical, 46 mm horizontal
- Set dimensions (W x H x D): 1024 x 1380 x 560 mm
- Product weight: 98 kg

## 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: 135W
- Standby power consumption: <1W

## Sound

- Built-in speakers: 2 x 7W (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 Driver
- Optional accessories: Multi User Touch Software Omnitapps BMT1909/00

## Miscellaneous

- Bezel: black, RAL 9005F13
- Warranty: Europe 2 years
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL

## Packaging dimensions

- Packaging dimensions (W x H x D): 1x Euro pallet: 1200 x 1530 x 800 mm
- Tare weight: 20 kg
- Number of products included: 1

## Technical specifications

### Touch screen

- 32 Touch points simultaneously
- Infrared Touch Screen
- USB Connection
- 4 mm safety glass

