Preliminary Specifications - Subject to Confirmation before Launch

# Open up a new era of audience interaction

## with the 42" LCD Display incorporating touch screen capabilities

Deliver vital information or marketing messages to your audience in startling clarity with the BDL4230ET display. And thanks to the interactive touchscreen, you can also engage your customer much closer than ever before.

### Optimized for public viewing
- Full HD LCD display with 1920x1080p resolution
- Slim bezel design for a stylish look
- Enhanced zoom feature supports tiled matrix applications

### Operational flexibility for different applications
- Touch screen for client interaction
- Display is network controllable for remote management
- Smart Insert in the back cover to place a small form factor pc

### Lower total cost of ownership
- Economical Design
- SmartPower for additional energy saving
- Brightness automatically adjusts with ambient conditions
- Advanced anti-image sticking function

### Sustainable and safe
- Complies with RoHS standards for better environmental protection

**PHILIPS**

sense and simplicity

# Highlights

### Full HD LCD display 1920 x 1080p
The BDL4230ET is a state-of-the-art LCD display which offers full high definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This in turn gives you some of the most stunning picture quality around. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. The vibrant and sharp images will provide you and your audience with an enhanced, enjoyable viewing experience.

### Smart insert
Professional PCs are part of most public signage installations. Very often they add increased depth to the public display as well as a lot of cable clutter. The BDL4230ET contains a Smart insert in the back cover to slot in a professional small form factor PC. This gives you freedom of choice for your hardware and software solution without adding depth to your display.

In addition, it offers efficient cable management, keeping your display clutter-free and maintaining a much more professional touch.

### Optical Touch Screen
A brand new level of client interaction is now possible thanks to the integrated optical touch screen. The sensors in the screen give you perfect clarity whilst at the same time offering dual touch (multi-touch with Windows 7), opening up all kinds of possibilities for new, interactive applications.

### Optimum Touch Screen Protection
3.8mm tempered glass protects your touch display and panel, whilst at the same time keeping the high clarity levels. This provides the ultimate in longevity for your display.

### Zoom function for tiled matrix
The internal zoom function enables easy implementation of a video wall, without the need for expensive external equipment. Capable of a vidiwall of up to 25 displays by dividing up to 5 displays each horizontally and vertically, you can now create eye-catching matrices quickly and simply.

### SmartPower
Save even more power and lower still further your carbon emissions by implementing the Smart Power on your BDL4230ET. 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.

### Network controllability: RS232
Network controllability allows user to control and adjust monitors remotely through RS232 protocol.

### Automatic brightness control
The BDL4230ET is able to measure ambient light surroundings and adjust the screen brightness accordingly. This in turn enhances the visual experience whilst lowering energy consumption.

### 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 on LCD displays is not permanent, the BDL4230ET is able to prevent this happening, which is especially beneficial in locations where content is shown 24/7.

### Compliant with RoHS standards
We design and manufacture all of our display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment. We are also committed to offering products that cause as little damage to the planet's resources as possible.

# Specifications

## Picture/Display

| | | |
|---|---|---|
| • | Diagonal Screen Size | 42" / 107cm |
| • | Type | IPS |
| • | Touchscreen Type | Optical, dual-touch IR panel |
| • | Resolution | 1920 x 1080 pixels |
| • | Brightness (typ) | 500 cd/m² |
| • | Contrast Ratio (typ) | 1400:1 |
| • | Response Time (G to G) | 5 m/s |
| • | Viewing Angle (H/V) | 178° x 178° |
| • | Pixel Pitch | 0.4845 x 0.4845mm |
| • | Display Colors | 1.06 Billion Colors |

## Connectivity

| | |
|---|---|
| PC: | DVI-D |
| | VGA In D-Sub 15HD |
| | VGA Out D-Sub 15HD |
| | RS232 In D-Sub 9 |
| | RS232 Out D-Sub 9 |
| | |
| AV Input: | HDMI |
| | Composite (BNC) |
| | Component (YPbPr) |
| | S-Video |
| | Audio (L/R) x2 |
| | |
| AV Output: | Composite (BNC) |
| | Audio (L/R) |
| | |
| Other Connections: | AC Out |
| | External speaker |

## Convenience

- Tiled Matrix (up to 5x5)
- Picture in Picture (PIP)
- Screen Saving Functions: Pixel shift, Low Brightness
- Signal Loop Through: RS232, VGA
- Keyboard Control: Hidden, Lockable
- Remote Control Signal: Lockable
- Simple Installation: AC Out, Carrying Handles, Smart Insert
- Energy Saving Functions: Smart Power, Ambient Light Sensor
- Packaging: Reusable Box
- Network Controllable: RS232

## Dimensions

| | | |
|---|---|---|
| • | Set Dimensions (W x H x D) | 993 x 586 x 120mm |
| • | Set Dimensions (W x H x D) | 39.1 x 23.1 x 4.7" |
| • | Dimensions With Stand  (mm) | 993 x 666 x 319mm |
| • | Dimensions With Stand  (in) | 39.1 x 26.2 x 12.6" |
| • | Bezel Thickness | 30mm / 1.18" |
| • | Smart Insert (mm) | 160 x 300  x 55mm |
| • | Smart Insert (in) | 6.30 x 11.81 x 2.17" |
| • | Display Weight | 24.0 kg (52.91 lbs) |
| • | VESA Mount | 400 x 400mm / 15.7 x 15.7" |

## Operating Conditions

| | | |
|---|---|---|
| • | Operating Temperature Range | 0 - 40°C (32 - 104°F) |
| • | Relative Humidity | 5-90% |
| • | MTBF: | 60,000 Hours |

## Power

| | | |
|---|---|---|
| • | Mains Power | 90-264V AC/50-60Hz |
| • | Consumption (On Mode): | TBA W |
| • | Smart Power (Medium): | TBA W |
| • | Smart Power (High) | TBA W |
| • | Power Saving/Brightness On: | TBA W |
| • | Standby 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
- Optional Accessories: Fixed Wall Mount, Flexible Wall Mount, Ceiling Mount
- Stand: BM05411

Miscellaneous:
- Bezel: Metallic Anthracite
- Warranty: 3 years (North America, Europe)
- On-Screen Display Languages: English, German, Italian, French, Spanish, Polish, Turkish, Russian, Simplified Chinese
- Regulatory Certification: CE, FCC Class B, TUV, GOST, UL, cUL, CCC, CECP, CEL, C-Tick, RoHS

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