Philips Signage Solutions
Interactive whiteboard

75"
Powered by Android
Multi-touch

75BDL3151T

Deliver a higher level of interaction

with true multi-touch in 4K UHD

Get even closer to your audience than ever before. Fast, precise and extremely durable, the high performance of our 75 inch interactive whiteboard is matched by their excellent reliability and functionality.

Optimized for public viewing
- 4K Ultra HD: resolution like you've never seen it before

Innovative solutions for any signage application
- Save and play content with internal memory
- CMND: Take control of your displays
- Android: Run your own app or choose your favorite app to run
- Optional WiFi

Care about you, your business and your audience
- SmartPower for energy saving

Supreme audience interaction
- 10 points touch
- Experience amazing interactivity with true Multi-Touch
- Anti-glare glass with low optical parallax
- Interactive whiteboard built in

PHILIPS

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75BDL3151T/75

Highlights

Interactive whiteboard

Improve classroom learning, participation and collaboration with our 75-inch multi-touch display with built in whiteboard. Switch seamlessly between writing, drawing, videos, presentations and internet.

Plug & Play Multi-Touch

A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities to give you the ultimate in user interaction. The Multi-Touch displays are enabled with automatic touch recognition. The USB connector is HID compliant, providing true plug-and-play operation.

Powered by Android

With Android integrated into the touch display, you can work with the most dveloped OS on the planet, and save your own app directly into the display. This also means, for the built-in apps, like the browser, it's touch capable right out of the box. Just connect the power and you've got immediate interactivity. You can also use the built-in scheduler to daypart your apps and content based on the time of day. And, using the auto orientation feature, switching from portrait to landscape content is as simple as turning the display.

Anti-glare glass

With this integrated touch display, the anti-glare glass with low optical parallax allows for the most immersive touch experience. With little to no glare and low reflection on the display, images are crystal clear with pure color and great clarity.

4K Ultra HD Resolution

See your Signage Solutions like never before thanks to four times the resolution of a conventional Full HD display. 3840 x 2160 pixels provide and image so refined, so lifelike, it's a window to a new world.

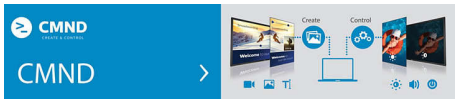
SmartPower

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.

Internal Memory

Save and play content with internal memory. Upload your media into the display and playback content immediately. Working in conjunction with the internal browser, it also serves as a memory cache when streaming online content. If the network ever fails, the internal memory keeps content running by playing a cached version of the content, ensuring that your media stays up even if the network goes down.

CMND



A robust display management platform, CMND puts the power back into your hands. Update and manage content with CMND & Create or control your settings with CMND & Control. It's all possible with CMND.

Plug & Play Multi-Touch
10 points P-cap touch
ULTRA RESOLUTION
SmartPower
MemoryCache
CMND CREATE & CONTROL
LED

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Specifications

Picture/Display
- Diagonal screen size (metric): 189.3 cm
- Diagonal screen size (inch): 74.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.429 x 0.429 mm
- Optimum resolution: 3840 x 2160 @ 60Hz
- Brightness: 490 cd/m²
- Display colors: 1.07Billon
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 8 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement
- Surface treatment: Anti-Glare coating
- Panel technology: IPS

Connectivity
- Audio output: SPDIF
- Video input: Composite (RCA), HDMI, HDMI (x4), VGA(Analog D-Sub) (x2)
- Audio input: Audio Left/Right (RCA), 3.5mm jack (x2), 3.5 mm jack
- Other connections: OPS, USB power outlet (5 V. 2 amp), USB (x4), USB (x2)
- Video output: HDMI, VGA (Analog D-Sub)

Convenience
- Placement: Landscape (18/7)
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: IR Loopthrough
- Ease of installation: Smart Insert
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Picture performance: Advanced color control
- Network controllable: RS232, RJ45
- Memory: 8GB eMMC

Sound
- Built-in speakers: 2 x 15W RMS

Power
- Mains power: 100 ~ 240 VAC, 50/60Hz
- Consumption (Typical): 350 W
- Standby power consumption: <0.5W
- Power Saving Features: Smart Power

Supported Display Resolution
- Computer formats: 1024 x 768, 60, 75Hz, 1280 x 1024, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 60Hz, 640 x 480, 60, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz
- Video formats: 1080p, 50, 60Hz, 1080i, 25, 30Hz, 480i, 30, 60Hz, 576i, 25, 50Hz, 720p, 50, 60Hz, 2160p, 30,50, 60Hz, 480p, 30, 60Hz, 576p, 25, 50Hz

Dimensions
- Smart Insert mount: 100 x 200 mm
- Set Width: 1739.7 mm
- Product weight: 64.7 kg
- Set Height: 1072.8 mm
- Set Depth: 99.0 mm
- Set Width (inch): 68.49 inch
- Set Height (inch): 42.24 inch
- Wall Mount: 400(H)x400(V), M8
- Set Depth (inch): 3.90 inch
- Bezel width: 21.7 mm
- Product weight (lb): 142.64 lb

Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80%(Operational),10 - 90%(Storage) %
- Temperature range (storage): -20 ~ 60 °C

Multimedia Applications
- USB Playback Video: 3GP, ASF, AVI, DAT, FLV, MKV, MOV, MP4, MPG, TS, VOB, WMV3
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

Accessories
- Included accessories: AC Power Cord, RS232 cable, USB cable, Remote Control, Batteries for remote control, Quick start guide, HDMI cable, VGA cable
- Included Accessories: OPS Android player(CRD50)

Miscellaneous
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Portuguese
- Warranty: 3 year warranty
- Regulatory approvals: CE, BSMI, CB, EPA, FCC, Class B

Interactivity
- Multi-touch technology: Infrared touch
- Touch points: 10 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 5 mm tempered safety glass, Anti-Glare, Anti-Reflective

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