Philips Signage Solutions
Interactive whiteboard

75"
Powered by Android
Multi-touch

SignageSolutions

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.

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

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

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

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

PHILIPS

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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



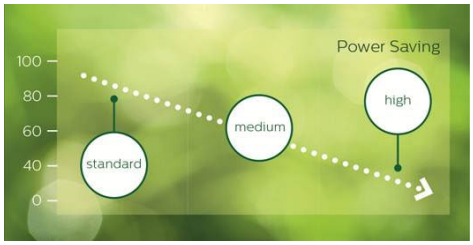
A brand new level of interactivity is now available thanks to integrated touch technology. More flexibility and optimum simultaneous touch performance coupled with excellent operability opportunities to give you the ultimate in user interaction. The Multi-Touch displays are enabled with automatic touch 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



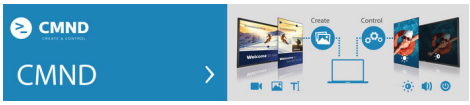
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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 SmartPower ULTRA RESOLUTION LED

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Specifications

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

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

Connectivity
- Video input: Composite (RCA), HDMI, HDMI (x4), VGA(Analog D-Sub) x2
- Video output: HDMI, VGA (Analog D-Sub)
- Audio input: Audio Left/Right (RCA), 3.5mm jack (x2), 3.5 mm jack
- Audio output: SPDIF
- Other connections: OPS, USB power outlet (5 V. 2 amp), USB(Type A) X4, USB(Type B) X2

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
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

Resolution	Refresh rate
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

Convenience
- Placement: Landscape (16/7)
- Signal Loop Through: IR Loopthrough
- Network controllable: RS232, RJ45
- Picture performance: Advanced color control
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy saving functions: Smart Power
- Other convenience: Carrying handles
- Ease of installation: Smart Insert
- Memory: 8GB eMMC
- Picture in picture: PIP

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

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

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

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

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), Touch Pen x2

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

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

Issue date 2018-09-28
Version: 2.0.1
12 NC: 8670 001 45507
EAN: 87 12581 74635 3

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