Philips Signage Solutions Multi-Touch Display

55"
Powered by Android
Multi-touch

SignageSolutions

55BDL3452T

Engage them

20-point Multi-Touch display.

Inspire collaboration. Deliver information. This responsive Philips Multi-Touch Professional UHD Display is ideal for multi-finger, multi-user applications-from wayfinding to presentations. Up to 20 touch points can be active at once.

Superb picture. Responsive touchscreen.
- Android SoC processor. Native and web apps
- UHD Clear images. Crisp contrast
- Plug-and-play 20-point Multi-Touch display

Effortless setup. Total control.
- CMND & Deploy. Install and launch apps remotely
- Operate, monitor and maintain with CMND & Control
- CMND & Create. Develop and launch your own content

Versatile system solution
- Energy-saving automatic backlight control
- FailOver ensures content is always playing
- Internal memory. Upload content for instant play
- Simplified user interaction with kiosk mode

PHILIPS

Highlights

CMND & Deploy

Quickly install and launch any app-even when you're off-site and working remotely. CMND & Deploy lets you add and update your own apps, as well as apps from the Philips Professional Display App Store. Simply scan the QR code, log in to the store, and click on the app you want to install. The app is automatically downloaded and launched.
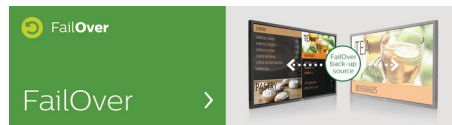
CMND & Control

Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

CMND & Create

Take control of your content with CMND & Create. A drag-and-drop interface makes it simple to publish your own content-whether it's a daily specials board or branded corporate information. Preloaded templates and integrated widgets ensure your stills, text, and video will be up and running in no time.

FailOver

From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

Internal memory

Save and play content without the need for a permanent external player. Your Philips professional display has an internal memory, which allows you to upload media into the display for instant playback. The internal memory also functions as a cache for online streaming.

Powered by Android 8

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android 8 ensures the software is kept secure and remain to the latest specification for longer.

LED   Plug & Play Multi-Touch   SmartPower   4K Ultra HD

Specifications

Picture/Display
- Diagonal screen size: 55 inch / 138.8 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1300:1
- Surface treatment: Anti-Glare coating
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.315(H)x0.315(V)mm
- Display colors: 1.07 B
- 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
- Operating system: Android 8.0

Interactivity
- Multi-touch technology: IRHE
- Touch points: 20 simultaneous touch points
- Plug and play: HID compliant
- Protection glass: 3 mm tempered safety glass

Connectivity
- Video input: DVI-D (x1), HDMI 2.0 (x2), USB 2.0 Type A (x2), USB 2.0 Type B (x1), VGA (Analog D-Sub) (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- External control: RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack
- Other connections: micro SD, OPS

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
720 x 400	70Hz
800 x 600	60, 72, 75Hz
3840 x 2160	60 Hz, 50 Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz
1080i	25, 30Hz
480i	30, 60Hz
576i	25, 50Hz
3840 x 2160	24, 25Hz
3840 x 2160	30Hz

Convenience
- Placement: Landscape (18/7), Portrait (18/7)
- Signal loop through: IR Loopthrough, RS232
- Network controllable: RS232, RJ45
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Energy saving functions: Smart Power

Dimensions
- Set dimensions (W x H x D): 1272.6 x 743.4 x 75.5(D@Wall mount)/ 81.7(D@OPS Cover) mm
- Set dimensions in inch (W x H x D): 50.10 x 29.27 x 2.97(D@Wall mount)/ 3.22(D@OPS Cover) inch
- Product weight: 27.0 kg
- Product weight (lb): 59.52 lb
- Wall Mount: 400 x 400 mm, M6
- Bezel width: 16.3 mm(T/R/L/B)

Sound
- Built-in speakers: 2 x 10W

Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Altitude: 0 ~ 3000 m
- Temperature range (storage): -20~60 °C
- Humidity range (operation)[RH]: 20 ~ 80% (without condensation)
- Humidity range (storage) [RH]: 5 ~ 95% (without condensation)

Power
- Mains power: 100 ~ 240 VAC, 50/60Hz
- Standby power consumption: <0.5W
- Consumption (Typical): 140 W
- Power Saving Features: Smart Power
- Consumption (Max): 270 W
- Energy Label Class: G

Accessories
- Stand: BM05922 (Optional)
- Included Accessories: Cleaning cloth (x1), IR sensor cable (1.8 m) (x1), Philips logo (x1), Power supply cable (3 m), Quick start guide (x1), Remote control & AAA batteries, RS232 cable (3 m) (x1), RS232 daisy chain cable (x1), USB Cover and screw x1

Miscellaneous
- On-Screen Display Languages: Arabic, English, French, German, Italian, Japanese, Polish, Spanish, Turkish, Russian, Simplified Chinese, Traditional Chinese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: BSMI, CB, CE, FCC, Class A, RoHS, CU, ETL, IMDA, PSB
- Warranty: 3 year warranty

Multimedia Applications
- USB Playback Picture: BMP, GIF, JPEG, JPG, PDF
- USB Playback Audio: AAC, AIF, AIFF, ASF, LPCM, M3U, M4A, MP3, MP4, WAV, WMA
- USB Playback Video: M2TS, M4V, MK3D, MKV, MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV

Internal Player
- CPU: 2 x A53 + 2 x A73
- Memory: 2GB DDR3, 8GB
- GPU: ARM Mali G51
- Wifi: 2.4 G, 5 G