Philips Signage Solutions
D-Line Display

43"
Powered by Android
450cd/m²

SignageSolutions

43BDL4050D

Chasing innovation

powered by Android

Amaze your guests with a smarter, faster, signage display. With integrated WiFi and designed for running Android apps, it's the next evolution in signage solutions.

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver
- Ensure your content is running with automatic screenshots

Maximizing the impact of your message

- Connect and control your content via the cloud

Innovative solutions for any signage application

- Free and easy-to-use content management with SmartCMS
- Save and play content with internal memory
- Android: Run your own app or choose your favorite app to run
- Integrated WiFi
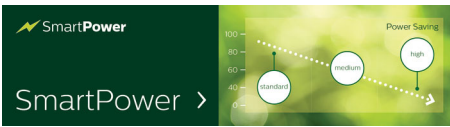- Enhance your connectivity with an integrated mPCIe slot.

PHILIPS

Highlights

FailOver

Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant 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.

PCI Slot

With an integrated PCI slot, you can connect a WiFI/bluetooth or 4G LTE module, allowing for even greater communication with the display. Machine to machine communication is also enhanced, with numerous configurations available for customers to use, such as the ability to expand product features or signal-handling capability.

Powered by Android

WIth Android OS integrated into the display, you can work with the most developed OS on the planet and save your own app directly into the display. Or, choose from the large library of Android apps and play content from there. With the built-in scheduler, you can daypart your apps and content based on your customer and time of day and with the auto orientation feature, showing content in portrait or landscape is as simple as turning the display.

SmartBrowser

Connect and control your content via the cloud with the integrated HTML5 browser. Using the Chromium based browser, design your content online and connect a single display, or your complete network. Show content in both landscape and portrait mode, with fullHD resolution. Streaming content can also be shown in a PIP (picture-in-picture) window. Simply connect the display to the internet using WiFi or with an RJ45 cable, and enjoy your own created playlists

Proof of Play

Content is king, and with the automatic screenshot feauture, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

Specifications

Picture/Display
- Diagonal screen size: 42.5 inch / 107.95 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 12 ms
- Pixel pitch: 0.49 x 0.49 mm
- Display colors: 16.77 million
- Viewing angle (H / V): 178 / 178 degree
- Operating system: Android 4.4.4

Connectivity
- Video input: DisplayPort (1.2), HDMI (x2), DVI-D, USB 2.0 (x2), USB 2.0
- Video output: DisplayPort, DVI-I
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- Other connections: micro SD, micro USB
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1920 x 1080	60Hz
1440 x 900	60Hz
1366 x 768	60Hz
1360 x 768	60Hz
1280 x 800	60Hz
1280 x 768	60Hz
1024 x 768	60Hz
800 x 600	56, 60, 72, 75Hz
640 x 480	60, 67, 72, 75Hz

- Video formats

Resolution	Refresh rate
1080p	50, 60Hz
1080i	50, 60Hz
720p	50, 60Hz
576i	50Hz
576p	50Hz
480p	60Hz
480i	60Hz

Dimensions
- Set dimensions in inch (W x H x D): 37.99 x 22.02 x 1.79 inch
- Set dimensions (W x H x D): 965.00mm x 559.30 x 45.50 mm
- Bezel width: 9.6 mm (T/L/R), 15.7 mm (B)
- Product weight (lb): 23.59 lb
- Product weight: 10.7 kg
- Wall Mount: 400 x 400 mm, M6

Convenience
- Memory: 16GB eMMC
- Placement: Landscape, Portrait
- Tiled Matrix: Up to 15x 15
- Keyboard control: Hidden, Lockable
- Signal loop through: DVI, VGA, RS232, IR Loopthrough, DisplayPort
- Network controllable: RJ45, RS232, One Wire (HDMI-CEC), HDMI (One Wire)
- Energy saving functions: Smart Power
- Screen saving functions: Pixel Shift, Low Bright
- Other convenience: Carrying handles, G sensor

Power
- Consumption (On mode): 59 W
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

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

Sound
- Built-in speakers: 2 x 10W RMS

Accessories
- Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, VGA cable, AC Power Cord, Edge alignment plates
- Stand: Universal Stand (Large Size) (Optional)
- Included Accessories: DVI-VGA adapter, Philips logo (x1), RS232 daisy-chain cable, Thumb Screw (x8)

Multimedia Applications
- USB Playback Audio: AAC, MP3, WMA, M4A, MP1, MP2
- USB Playback Picture: BMP, GIF, JPEG, JPG, PDF, PNG
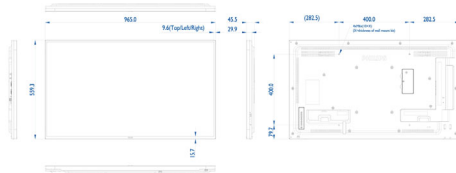- USB Playback Video: 3GP, AVI, FLV, MKV, MOV, MP4, TS

Miscellaneous
- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI
- Warranty: 3 year send-back warranty or warranty replacement shipment (Do not include removing and installing the display.)

Internal Player
- CPU: Quad Core Cortex A9 1.8GHz
- GPU: ARM Mali400 Quad Core 533MHz
- Memory: 2GB DDR3
- Storage: 16GB EMMC

Philips 43BDL4050D
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Release Date: 2016/05/16

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