



Philips Signage Solutions D-Line Display

32"

Powered by Android 400cd/m²

SignageSolutions

32BDL4050D

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.

Innovative solutions for any signage application

- Android: Run your own app or choose your favorite app to run
- Integrated WiFi
- Save and play content with internal memory

Maximizing the impact of your message

- CMND: Take control of your displays
- Manage settings of multiple displays with CMND & Control
- Create and update content with CMND & Create
- Connect and control your content via the cloud

Care about you, your business and your audience

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







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Highlights

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.

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.

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.

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.

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.

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CMND & Create





Design and create compelling content with CMND & Create, a powerful authoring tool. With a drag and drop interface, preloaded templates, and integrated widgets, you'll be able to amaze your customers with compelling content. Available in portrait and landscape mode.

CMND & Control





With CMND & Control, easily manage multiple displays in a central location. With real time display monitoring, setting and software updates from a remote location, and the ability to customize and configure multiple displays at once, such as video wall or menu board displays, controlling your suite of displays has never been easier.

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



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Specifications

Picture/Display

- Diagonal screen size: 32 inch / 81.28 cm
- Panel resolution: 1920x1080p
 Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1100:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 10 ms
- Pixel pitch: 0.36375 x 0.36375 mm
 Display colors: 16.7 million
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, 3D MA deinterlacing, Dynamic contrast enhancement,

Connectivity

- Video input: DisplayPort (1.2), HDMI (x2), DVI-D, VGA (via DVI), USB

- Video output: DisplayPort, DVI-I, VGA (via DVI-D)
 Audio input: 3.5 mm jack, Audio Left/Right (RCA)
 Audio output: Audio Left/Right (RCA), External speaker connector
- Other connections: micro SD, micro USB, USB power outlet (5 V. 2 amp)
- 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 1920×1080 60Hz 1440 × 900 60Hz 1366 x 768 60Hz 1360 x 768 60Hz 1280×800 60Hz 1280×768 60Hz 1024 x 768 60Hz 800 × 600 56, 60, 72, 75Hz 640 x 480 60, 67, 72, 75Hz

Video formats

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

480p 60Hz 480i 60Hz

Dimensions

- Set dimensions (W \times H \times D): 724.5 x 424.0 x 56.40 mm
- Set dimensions in inch ($W \times H \times D$): $28.5 \times 16.7 \times 2.22$ inch
- Bezel width: 10.6 mm (T/L/R), 15.6 mm (B)
- Product weight (lb): 13.23 lb
- Product weight: 6.0 kg
- VESA Mount: 200 x 200 mm, M6

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 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
- Picture in picture: PIP

Power

- Standby power consumption: <0.4 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
 Consumption (EPA 6.0): 44 W
- Consumption (Typical): 53 W

Operating conditions

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

Sound

• Built-in speakers: 2 x 10W RMS

- Included accessories: Remote Control, Batteries for remote control, Quick start guide, RS232 cable, AC Power Cord
- Stand: BM05911 (Optional)
- Optional accessories: ColourCalibrationKit (CCK4601)

Multimedia Applications

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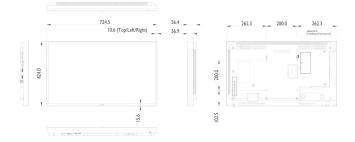
- USB Playback Audio: AAC, AIF, AIFF, M4A, MP3, WAV, WMA, ASF, LPCM, M3U, MP4
 USB Playback Picture: BMP, GIF, JPEG, JPG, PDF
 USB Playback Video: M2TS, M4V, MK3D, MKV,
- MP4, MPEG, MPG, MTS, TS, TTS, VOB, WMV

Miscellaneous

- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, C-Tick, RoHS, GOST, BSMI, CB, J-Moss, PSE, VCCI, EnergyStar 7.0
- Warranty: 3 year warranty

Internal Player

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





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