

Philips

D-Line Display

- 49"
- Powered by Android
- 450cd/m²

49BDL4050D/00

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.

Benefits

Innovative solutions for any signage application

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

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

Features

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

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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.

PCI Slot

With an integrated PCI slot, you can connect an extra 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.

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

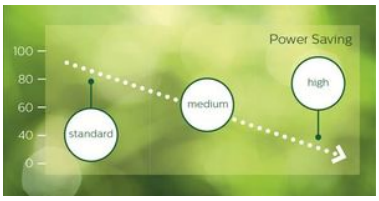
Content is king, and with the automatic screenshot feauture, you can make sure that your content is up and running at all times. Screenshots are taken throughout the day, which are then stored in the FTP server. From there, the screenshots can be viewed no matter when, or where you are.

FailOver



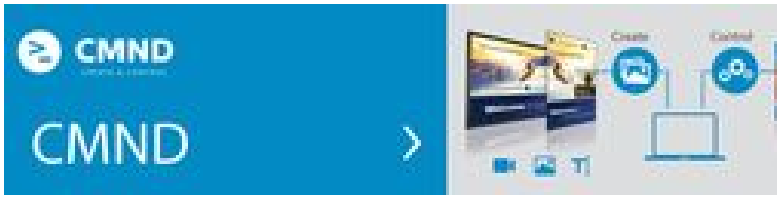
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides 24/7 protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and your ready for instant protection.

SmartPower



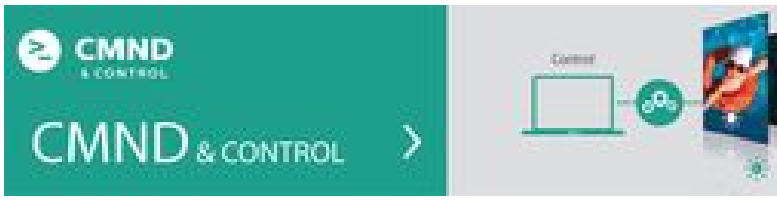
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.

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.

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.

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

Specifications

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Picture/Display

Diagonal screen size (inch)	48.5 inch
Diagonal screen size (metric)	123.2 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	0.55926 x 0.55926 mm
Display colors	16.7 million
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Picture enhancement	3/2 - 2/2 motion pull down 3D Combfilter Motion compens. deinterlacing 3D MA deinterlacing Dynamic contrast enhancement Progressive scan

Connectivity

Video input	DisplayPort (1.2) HDMI (x2) DVI-D USB VGA (via DVI)
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	mPCIe 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	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	1080p, 50, 60Hz 1080i, 50, 60Hz 720p, 50, 60Hz 576i, 50Hz 576p, 50Hz 480p, 60Hz 480i, 60Hz

Dimensions

Set Width	1097.28 mm
Set Height	632.46 mm
Set Depth	45.72 mm
Set Width (inch)	43.2 inch
Set Height (inch)	24.9 inch
Set Depth (inch)	1.8 inch
Bezel width	9.5 mm (T/L/R), 15.6 mm (B)
Product weight (lb)	32.41 lb
Product weight	14.7 kg
VESA Mount	400 x 400 mm, M6

Convenience

Placement	Landscape (24/7) [Landscape (24/7)] Portrait (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

Power

Standby power consumption	<0.4 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (EPA 6.0)	55 W
Consumption (Typical)	67 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

Accessories

Included accessories	Remote Control Batteries for remote control Quick start guide RS232 cable AC Power Cord
Stand	BM05922(Optional)
Optional accessories	ColourCalibrationKit (CCK4601)

Multimedia Applications

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	EnergyStar 7.0 CE FCC, Class B UL/cUL CCC C-Tick
	RoHS GOST BSMI CB J-Moss PSE VCCI
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

data subject to change
2016, June 5

Version: 2.0.1
EAN: 8712581741297

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