D-Line Display

• 43"
• Powered by Android
• 450cd/m²

43BDL4050D/00

Inform. Effortlessly

Smart, powerful 24/7 display.

Make it clear with a powerful D-Line professional FHD display. This responsive solution offers brilliant picture quality, simple control, and reliable connectivity. Even in areas that are hard to network.

Benefits

Brilliant picture. Blazing processor speed.

• Android SoC processor. Native and web apps
• Full HD. Clear images. Crisp contrast
• IPS panel: rich color consistency from every angle
• Place in landscape or portrait orientation

Effortless setup. Total control.

• Operate, monitor and maintain with CMND & Control
• CMND & Create. Develop and launch your own content
• CMND & Deploy. Install and launch apps remotely

• Integrated mPCIe slot for optional 4G/LTE module
• Proof of Play for Android content. Know what's playing

Cost-effective system solution

• FailOver ensures content is always playing
• Energy-saving automatic backlight control
• Integrated HTML5 browser. Play and control online content
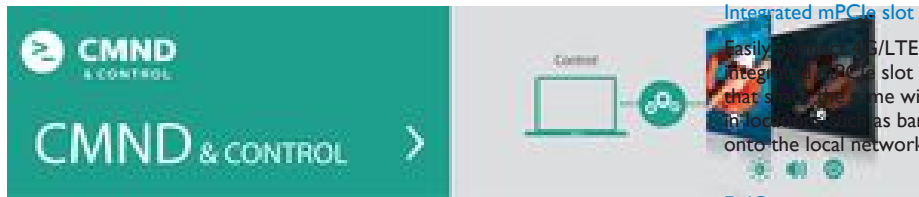• Internal memory. Upload content for instant play

Features

Powered by Android

Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can

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install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

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.

Integrated mPCIe slot

Easily add 3G/LTE modules to your Philips professional display. The integrated mPCIe slot enables your display to communicate with other devices that support the wireless connectivity. Invaluable if you're installing displays in locations such as banks or government buildings, where you cannot get onto the local network.

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.

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

Proof of Play

Be sure your Android-powered Philips Professional Display is showing the right content-even when you're not there. When playing content via the embedded media player, you can set up your display to take automatic screenshots at regular intervals. Screenshots are stored on the display's internal memory, and you can choose to receive them via email.

Specifications

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Picture/Display

Diagonal screen size (inch)	42.5 inch
Diagonal screen size (metric)	108.0 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 (horizontal)	178 degree
Viewing angle (vertical)	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	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	965.00mm mm
Set Height	559.30 mm
Set Depth	45.50 mm
Set Depth (inch)	1.79 inch
Set Width (inch)	37.99 inch
Set Height (inch)	22.02 inch
Bezel width	9.6 mm (T/L/R), 15.7 mm (B)
Product weight (lb)	23.59 lb
Product weight	10.70 kg
Wall Mount	400 x 400 mm, M6

Convenience

Placement	Landscape

	Portrait
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
Memory	16GB eMMC
Other convenience	Carrying handles
	G sensor

Power

Standby power consumption	<0.5 W
Mains power Consumption (Typical)	100 ~ 240 VAC, 50 ~ 60 Hz 59 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	Universal Stand (Large Size) (Optional)
Included Accessories	Edge Alignment Kit (1)-2pcs
	Edge Alignment Kit (2)-1pcs
	RS232 daisy-chain cable
	Logo guide
	Thumb Screw (x8)

Multimedia Applications

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

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 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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