



#### D-Line Display

- 55"
- Powered by Android
- 450cd/m<sup>2</sup>

55BDL4050D/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

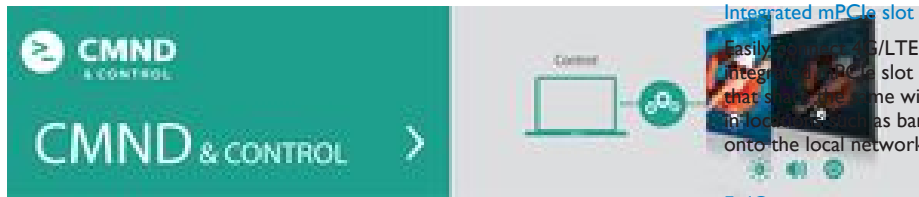
#### Powered by Android

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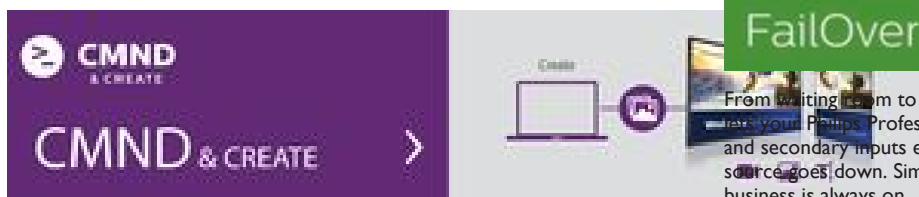
install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.

### 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.

### 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.

### Integrated mPCIe slot

Easily add 4G/LTE modules to your Philips professional display. The integrated mPCIe slot enables your display to communicate with other devices that support some wireless connectivity. Invaluable if you're installing displays in locations such as banks or government buildings, where you cannot get onto the local network.

### 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.

### 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)	54.64 inch
Diagonal screen size (metric)	138.8 cm
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	450 cd/m <sup>2</sup>
Contrast ratio (typical)	1100:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.63 x 0.63 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
Operating system	Android 4.4.4

### 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 output	Audio Left/Right (RCA) Audio Left/Right (RCA) Ext. speaker cntrl (aud. out)
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	1231.9 mm
Set Height	711.2 mm

Set Depth	45.72 mm		MP3
Set Width (inch)	48.5 inch		WAV
Set Height (inch)	28.0 inch		WMA
Set Depth (inch)	1.8 inch		ASF
Bezel width	9.5 mm (T/L/R) 15.6mm (B)		LPCM
Product weight (lb)	39.68 lb		M3U
Product weight	18.0 kg		MP4
Wall Mount	400 x 400 mm, M6	USB Playback Picture	BMP
			GIF
			JPEG
			JPG
			PDF
		USB Playback Video	M2TS
			M4V
			MK3D
			MKV
			MP4
			MPEG
			MPG
			MTS
			TS
			TTS
			VOB
			WMV
<b>Convenience</b>			
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 Loophthrough DisplayPort		
Network controllable	RJ45 RS232 One Wire (HDMI-CEC) HDMI (One Wire)		
Energy saving functions	Smart Power		
Screen saving functions	Pixel Shift, Low Bright		
		<b>Miscellaneous</b>	
		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
		<b>Internal Player</b>	
		CPU	Quad Core Cortex A9 1.8GHz
		GPU	ARM Mali400 Quad Core 533MHz
		Memory	2GB DDR3
		Storage	16GB EMMC
<b>Multimedia Applications</b>			
USB Playback Audio	AAC AIF AIFF M4A		



data subject to change  
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