



#### D-Line Display

- 50"
- 4K UHD
- 500cd/m<sup>2</sup>

50BDL4510D/00

## Say more

Smart, fast 24/7 display.

Make it stand out with a fast Philips D-Line Professional 4K UHD display. Philips superb picture quality ensures true colors and intense contrast. You can effortlessly display content from multiple sources on a single screen.

### Benefits

#### Operational flexibility

- SmartPower for energy saving

#### Brilliant picture. Blazing processor speed.

- Place in landscape or portrait orientation
- 4K UHD. Rich, deep images. Stunning contrast

#### Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control
- Schedule what you want, when you want with SmartPlayer

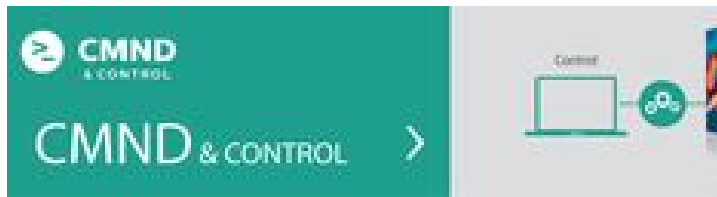
#### Cost-effective system solution

- Energy-saving automatic backlight control
- FailOver ensures content is always playing

# PHILIPS

Features

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.

SmartPower



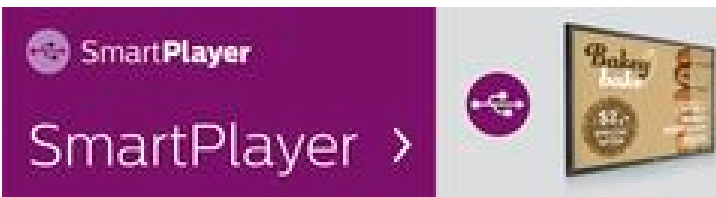
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.

SmartPlayer



Turn your USB into a true cost effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on screen menu, and enjoy your own created playlists anytime, anywhere.

Specifications

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Picture/Display

Diagonal screen size (inch)	49.5 inch
Diagonal screen size (metric)	125.7 cm
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60Hz
Brightness	500 cd/m <sup>2</sup>
Contrast ratio (typical)	4000:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	8 ms
Pixel pitch	0.2854 x 0.2854 mm
Display colors	1.07 G Billion
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
Panel technology	VA

Connectivity

Video input	Display Port1.2 (x1) DVI-I (x 1) HDMI 2.0 (x2) USB 2.0 (x2)
Video output	DisplayPort 1.2 (x1) HDMI 2.0 (x1)
Audio input	3.5 mm jack
Audio output	3.5mm jack
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 1024 x 768, 60Hz 1280 x 1024, 60Hz 1280 x 720, 60Hz 1440 x 900, 60 Hz 1600 x 900, 60Hz 1680 x 1050, 60Hz 3840 x 2160, 30, 60Hz 640 x 480, 60Hz 800 x 600, 60Hz
Video formats	1080i, 50, 60Hz 576i, 50Hz 576p, 50Hz 480p, 60Hz 480i, 60Hz 1080p, 50, 60Hz 2160p, 24, 30, 60Hz 720p, 50,60 Hz

Dimensions

Set Width	1128.4 mm
Set Height	649.0 mm
Set Depth	63.5 mm
Set Width (inch)	44.43 inch
Set Height (inch)	25.55 inch
Set Depth (inch)	2.50 inch
Bezel width	14.9 mm (Even bezel)
Product weight (lb)	32.52 lb
Product weight	14.75 kg
VESA Mount	400 (H) x 400(V) mm, M6

Convenience

Placement	Landscape (24/7) Portrait (24/7)
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Keyboard control	Hidden		AC Switch Cover
Signal loop through	Lockable RS232 IR Loophthrough DisplayPort HDMI		
Network controllable	RS232 RJ45		
Energy saving functions	Smart Power		
Screen saving functions	Pixel Shift, Low Bright		
<b>Power</b>			
Standby power consumption	0.5 W		
Mains power Consumption (Typical)	100 ~ 240 VAC, 50 ~ 60 Hz 105 W		
Consumption (Max)	165 W		
Energy Label Class	G		
<b>Operating conditions</b>			
Temperature range (operation)	0 ~ 40 °C		
Temperature range (storage)	-20 ~ 60 °C		
Altitude	0 ~ 3000 m		
MTBF	50,000 hour(s)		
Humidity range (operation)[RH]	20 - 80% RH (No condensation)		
Humidity range (storage) [RH]	5 - 95% RH (No condensation)		
<b>Sound</b>			
Built-in speakers	2 x 10W RMS		
<b>Accessories</b>			
Included accessories	Quick start guide RS232 cable AC Power Cord HDMI cable Remote Control & AAA Batteries		
Stand	BM05922(Optional)		
Included Accessories	RS232 daisy-chain cable Philips logo (x1) Screws USB Cover (x1)		
<b>Multimedia Applications</b>			
USB Playback Audio	AAC HEAAC MPEG BMP JPEG PNG		
USB Playback Picture	MPEG H.263 H.264 H.265 VP8		
USB Playback Video			
<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		
<b>Regulatory approvals</b>			
	CE CCC RoHS BSMI CB VCCI CU EMF EnergyStar 8.0 ETL FCC, Class A PSB		
Warranty	3 year warranty		



data subject to change  
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