

D-Line Display

- 86"
- Powered by Android
- 500cd/m²

86BDL4150D/00

Say more

Smart, fast 24/7 display.

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

Benefits

Superb picture. Blazing processor speed.

- Android 7. Dedicated Android processor
- IPS panel: rich color consistency from every angle
- 4K UHD. Superb picture. Clear contrast. Auto orientation
- Proof of Play for Android content. Know what's playing

Effortless setup. Total control.

- CMND & Control. Operate, monitor, maintain
- CMND & Create. Develop and launch your own content
- CMND & Deploy. Install and launch apps remotely
- Integrated mPCIe slot for optional 4G/LTE module
- OPS slot. Embed a full-power PC. No cabling required

Cost-effective system solution

- FailOver. Ensure your display never goes blank
- QuadViewer. Play four source signals on one screen.
- Energy-saving automatic backlight control
- Integrated HTML5 browser. Play and control online content

Features

Powered by Android

Control your Philips professional display via an internet connection. The integrated Android OS (SoC) lets you install web and native Android apps

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directly to the display. A built-in scheduler makes it easy to launch apps and content based on time of day, or user. Auto-orientation ensures your content displays properly.

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.

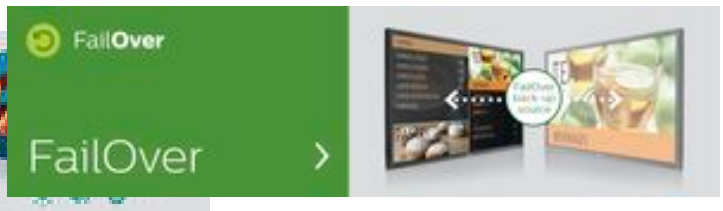
CMND & Deploy

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 connect 4G/LTE modules to your Philips professional display. The integrated mPCIe slot enables your display to communicate with other devices that share the same 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.

QuadViewer



Turn a single Philips Professional Display into a bezel-free 2x2 videowall. By connecting four independent sources, you can effortlessly play multiple channels at once. Simply tell the display which zone should play which content. Ideal for situations like broadcast control rooms, where feeds from multiple cameras need to be clearly visible.

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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (inch)	85.6 inch
Diagonal screen size (metric)	217.4 cm
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @60HZ
Brightness	500 cd/m²
Contrast ratio (typical)	1200:1
Dynamic contrast ratio	500,000:1
Aspect ratio	16:9
Response time (typical)	12 ms
Pixel pitch	0.4935 x 0.4935 mm
Display colors	1.07 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
Operating system	Android 7.1.2

Connectivity

Video input	DisplayPort DVI-D HDMI (x3) VGA (Analog D-Sub)
Video output	DisplayPort
Audio input	3.5 mm jack
Audio output	3.5mm jack
Other connections	mPCIe micro SD micro USB USB power outlet (5 V. 2 amp) OPS USB, type A
External control	RJ45 RS232C (in/out) 2.5 mm jack

Supported Display Resolution

Computer formats	3840 x 2160, 60Hz 1920 x 1080, 60Hz 1600 x 1200, 60Hz 1360 x 768, 60Hz 1280 x 1024, 60Hz 1280 x 800, 60Hz 1280 x 768, 60Hz 1024 x 768, 60, 75Hz 640 x 480, 60, 72, 75Hz 720 x 400, 70Hz 800 x 600, 60, 75Hz

Video formats	2160p, 30,50, 60Hz 1080p, 50, 60Hz 1080i, 25, 30Hz 720p, 50, 60Hz 576i, 25, 50Hz 576p, 25, 50Hz 480i, 30, 60Hz 480p, 30, 60Hz

Dimensions

Set Width	1927.9 mm
Set Height	1098.9 mm
Set Depth	85.9 mm
Set Width (inch)	75.90 inch
Set Height (inch)	43.26 inch
Set Depth (inch)	3.38 inch
Bezel width	15.2 (T/L/R/B)
Product weight (lb)	140.65 lb
Product weight	63.8 kg
VESA Mount	600(H)x400(V) mm, M8
Smart Insert mount	100 x 200 mm

Convenience

Placement	Landscape Portrait
Tiled Matrix	Up to 15 x 15
Keyboard control	Hidden Lockable
Signal Loop Through	IR Loopthrough
Network controllable	RJ45 RS232
Energy saving functions	Smart Power
Screen saving functions	Pixel Shift, Low Bright
Ease of installation	Smart Insert
Picture in picture	PIP

Power

Standby power consumption	<0.5 W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical)	220W +/- 10% W

Operating conditions

Temperature range (operation)	0 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
Relative humidity	20 %~ 80%(operation),10%-90% (storage) %
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 HDMI cable IR sensor cable (1.8M)
Included Accessories	RS232 daisy-chain cable SD card cover

Multimedia Applications

USB Playback Audio	AAC M4A MP3 WMA
USB Playback Picture	BMP JPEG JPG PNG
USB Playback Video	ASF AVI DAT FLV MKV MP4 MPEG MPG TS VOB WEBM 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 C-Tick RoHS GOST BSMI CB
Warranty	3 year warranty

Internal Player

CPU	Dual-Core Cortex-A72 @2GHz Quad-Core Cortex-A53 @ 1.5GHz
GPU	ARM Mali-T864
Memory	4GB DDR3
Storage	64G eMMc



data subject to change
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