Philips Signage Solutions
D-Line Display

75"
Powered by Android
500cd/m²

75BDL4150D

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.

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

Cost-effective system solution
- Integrated HTML5 browser. Play and control online content
- FailOver ensures content is always playing
- QuadViewer. Play four source signals on one screen.

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

PHILIPS

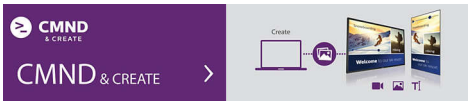
Highlights

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

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.

Integrated HTML5 browser

Integrated HTML5 browser. Play and control online content

IPS panel rich color
IPS panel: rich color consistency from every angle

4K UHD. Superb picture
4K UHD. Superb picture. Clear contrast.

OPS slot

Integrate a full-power PC or Android-powered CRD50 module directly into your Philips Professional Display. The OPS slot contains all the connections you need to run your slot-in solution, including a power supply.

Integrated dual-band WiFi
Integrated dual-band WiFi

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Specifications

Connectivity
- Audio output: SPDIF, 3.5mm jack, External speaker connection
- Video input: DVI-D, VGA (Analog D-Sub), HDMI 2.0 (x3), Display Port1.2 (x1)
- Audio input: 3.5 mm jack
- Other connections: OPS, Micro USB (x1) (OTG), USB 2.0, USB 3.0, mPCIe
- Video output: DisplayPort 1.2 (x1)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Picture/Display
- Diagonal screen size (metric): 189.3 cm
- Diagonal screen size (inch): 74.5 inch
- Aspect ratio: 16:9
- Panel resolution: 3840 x 2160
- Pixel pitch: 0.429 x0 .492 mm
- Optimum resolution: 3840 x 2160 @120Hz
- Brightness: 500 cd/m²
- Display colors: 1.07 Billion
- Contrast ratio (typical): 1200:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 6 ms
- 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

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

Sound
- Built-in speakers: 2 x 10W RMS

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

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
- Smart Insert mount: 100 x 200 mm, 100 x 100mm
- Set Width: 1676.6 mm
- Product weight: 55 kg
- Set Height: 955.0 mm
- Set Depth: 62.8 mm
- Set Width (inch): 66.01 inch
- Set Height (inch): 37.60 inch
- Wall Mount: 600(H)x400(V) mm, M8
- Set Depth (inch): 2.47 inch
- Bezel width: 12.5 mm (T/L/R/B)
- Product weight (lb): 121.25 lb

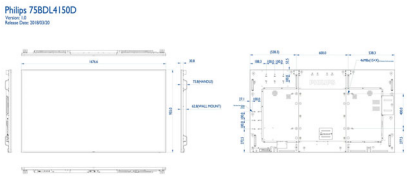
Operating conditions
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 %~ 80%(operation),10%-90%(storage) %
- Temperature range (storage): -20 ~ 60 °C

Multimedia Applications
- USB Playback Video: ASF, AVI, DAT, FLV, MKV, MP4, MPEG, MPG, TS, VOB, WEBM, WMV
- USB Playback Picture: BMP, JPEG, JPG, PNG
- USB Playback Audio: AAC, M4A, MP3, WMA

Internal Player
- CPU: Dual-Core Cortex-A72 @2GHz, Quad-Core Cortex-A53 @ 1.5GHz
- GPU: ARM Mali-T860 MP4
- Memory: 4GB DDR3
- Storage: 64G eMMc
- Wifi: 2T2R, 802.11 ac/a/b/g/n, WCT07R2201

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

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
- Warranty: 3 year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL, C-Tick, RoHS, GOST, BSMI, CB



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