



Q-Line Display

- 55"
- Direct LED Backlight
- Ultra HD

55BDL3010Q/00

Stand out

Easy-setup 18/7 display.

Inform and enthrall with a Philips Q-Line Professional 4K Ultra HD Display. This reliable solution can be up and running as quickly as you need-with no additional hardware.

Benefits

Brilliant picture. Reliable performance

- Ultra-HD. Rich images. Stunning contrast

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control

Cost-effective system solution

- Integrated media player. Easily schedule USB content
- Energy-saving automatic backlight control
- Easy control. Remotely manage networked displays
- FailOver ensures content is always playing

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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.

Integrated media player

Easily schedule content to play from USB. Your Philips Professional Display will wake from standby to play the content you want, and then return to standby once playback is done.

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.

Specifications

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Picture/Display

Diagonal screen size (metric)	138.7 cm
Diagonal screen size (inch)	54.6 inch
Panel resolution	3840 x 2160
Optimum resolution	3840 x 2160 @ 60 Hz
Brightness	350 cd/m ²
Contrast ratio (typical)	4000:1
Dynamic contrast ratio	500,000:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.315 x 0.315 mm
Display colors	1.07 Billion
Clinical image	D-Image preset (dicom part 14 compatible)

Supported Display Resolution

Computer formats	1920 x 1080, 60Hz	
	1600 x 1200, 60Hz	
	1440 x 900, 60Hz	
	1280 x 1024, 60Hz	
	1280 x 720, 60Hz	
	1280 x 800, 60Hz	
	1024 x 768, 60, 70, 75Hz	
	720 x 400, 70Hz	
	640 x 480, 60, 67, 72, 75Hz	
	1152 x 870, 75Hz	
	1680 x 1050, 60Hz	
	800 x 600, 56, 60, 72, 75Hz	
	Video formats	3840 x 2160, 60Hz
		3840 x 2160, 30Hz
		1080i, 60Hz
1080p, 60Hz		
720p, 60Hz		
480i, 60Hz		
480p, 60Hz		
1080i, 50Hz		
576i, 50Hz		
576p, 50Hz		

Connectivity

Video input	DVI-I (x 1) HDMI (x4) USB VGA (via DVI)
Audio input	3.5 mm jack
Audio output	Audio Left/Right (RCA)
External control	RJ45 RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack

Convenience

Energy saving functions	Smart Power
Tiled Matrix	Up to 15 x 15
Start-up	Switch on delay Switch on status Boot on source enable / disable Philips logo
Start-up window	enable / disable Philips logo
Keyboard control	Lockable Hidden
Network controllable	RS232 RJ45
Signal loop through	RS232 IR Loophthrough

Dimensions

Bezel width	12.9 (TLR) / 14.7 (B) mm
Set Width	1239.2 mm
Set Height	711.6 mm
Set Depth	61.71 mm
Set Width (inch)	48.79 inch
Set Height (inch)	28.02 inch
Set Depth (inch)	2.43 inch
VESA Mount	400 x 400 mm/400 x 200 mm, M6
Product weight	15.82 kg
Product weight (lb)	34.88 lb

Operating conditions

Temperature range (operation)	5 ~ 40 °C
Temperature range (storage)	-20 ~ 60 °C
MTBF	50,000 hour(s)
Humidity range (operation)[RH]	20 ~ 80% RH (No condensation)
Humidity range (storage) [RH]	5 ~ 95% RH (No condensation)
Altitude	0 ~ 3000 m

Power

Consumption (On mode)	125 W
Mains power	100 ~ 240 VAC
Standby power consumption	<0.5 W
Consumption (Max)	180 W
Consumption (Typical)	140 W

Sound

Built-in speakers	2 x 10W RMS
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Multimedia Applications

USB Playback Video	MPEG H.264
USB Playback Picture	JPEG BMP PNG
USB Playback Audio	AAC HEAAC MPEG WMA

Accessories

Included accessories	AC Power Cord RS232 cable Remote Control Batteries for remote control Quick start guide
Included Accessories	USB Cover and screw x1 IR sensor cable (1.8 m) (x1) RS232 daisy-chain cable
Stand	Table stand (BM02542, BM05922)

Miscellaneous

Warranty	3 year warranty
On-Screen Display Languages	English French German Italian Polish Turkish Russian Simplified Chinese Spanish Traditional Chinese
Regulatory approvals	CE CB FCC, Class B



data subject to change
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