H-Line Display

• 55"
• 2500cd/m²
• Full HD

55BDL4002H/00

Vibrant visibility in every lighting condition

High bright 24/7 display

Stay visible day and night with Philips H-Line high bright displays. Astonishing clarity and contrast make this a perfect solution for showcasing engaging content in windows and lighter locations. From airports to shopping malls, and more.

Benefits

Effortless setup. Total control.
• CMND & Create. Develop and launch your own content
• Add Android processing power with an optional CRD50 module

Versatile system solution
• FailOver. Ensure your display never goes blank
• OPS slot allows for PC embedding without cabling

• Designed for extreme conditions

Superb picture. Ultra-high brightness.
• Full HD resolution street signage
• Built-in ambient light sensor - automated brightness control

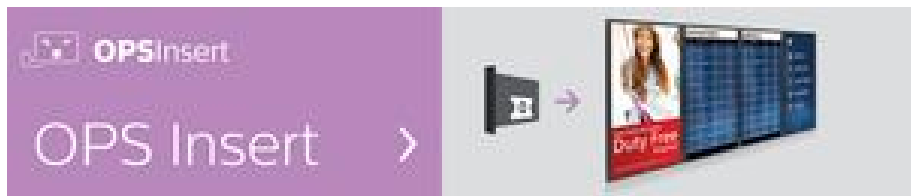**PHILIPS**

Features

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.

FailOver

Critical for demanding commercial applications, FailOver is a revolutionary technology that automatically plays back-up content on screen in the unlikely event of a media player failure. Simply select a primary input connection and a FailOver connection and you are ready for instant content protection.

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.

Optional CRD50 module

Embed an Android System-on-Chip (SoC) in your Philips Professional Display. The optional CRD50 module is an OPS device that enables Android processing power without the need for cables. Simply slide into the OPS slot, which contains all the connections needed to run the module (including power supply)

Extreme conditions

Enhanced thermal management, High Tni Liquid Crystals panels and built-in thermal sensors to cope with high ambient temperatures (sunlight or other) up to 2500cd/m². Display polarizer compatible with polarized sunglasses for sunlight readability.

High brightness

High-brightness street facing digital displays command attention in any lighting condition, boosting store exposure and attracting customers. Spectacular brightness of up to 2500 cd/m² ensures high visibility and pure image quality, even in extreme ambient light conditions.

Specifications

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Picture/Display

Diagonal screen size (metric)	138.7 cm
Diagonal screen size (inch)	54.6 inch
Panel resolution	1920x1080p
Optimum resolution	1920 x 1080 @ 60Hz
Brightness	2500 cd/m²
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	0.63 x 0.63 mm
Display colors	1.07 B
Contrast ratio (typical)	4000:1

Supported Display Resolution

Computer formats	640 x 480, 60, 72, 75Hz
	720 x 400, 70Hz
	800 x 600, 60, 75Hz
	1024 x 768, 60, 75Hz
	1280 x 768, 60Hz
	1280 x 800, 60Hz
	1280 x 960, 60Hz
	1280 x 1024, 60Hz
	1360 x 768, 60Hz
	1366 x 768, 60Hz
	1600 x 1200, 60Hz
	1920 x 1080, 60Hz
Video formats	720p, 50, 60Hz
	1080i, 25, 30Hz
	1080p, 50, 60Hz

Connectivity

Video input	Display Port1.2 (x1)
	DVI-I (x 1)
	HDMI 2.0 (x2)
Audio input	3.5 mm jack
Video output	DisplayPort 1.2 (x1)
	HDMI 2.0 (x1)
Audio output	3.5mm jack
External control	IR (in/out) 3.5 mm jack
	RJ45
	RS232C (in/out) 2.5 mm jack
Other connections	OPS
	USB 2.0 (x2)

Convenience

Placement	Landscape (24/7)
	Portrait (24/7)
Screen saving functions	Pixel Shift, Low Brightness
Signal loop through	DisplayPort
	RS232
	HDMI
	IR Loopthrough
Ease of installation	Carrying Handles
	Smart Insert

data subject to change
2023, June 18

Energy saving functions	Smart Power	Regulatory approvals	CE FCC, Class A UL/cUL CB
Network controllable	RS232 RJ45	Warranty	3 year warranty
Keyboard control	Hidden Lockable		
Remote control signal	Lockable		

Operating conditions

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)

Power

Consumption (Typical)	245 W
Consumption (Max)	430 W
Standby power consumption	<0.5W
Mains power	100 ~ 240 VAC, 50 ~ 60 Hz

Sound

Built-in speakers	2 x 10W RMS

Accessories

Included Accessories	AC Switch Cover IR sensor cable (1.8 m) (x1) Philips logo (x1) Quick start guide (x1) Remote control & AAA batteries USB Cover and screw x1 Wire Clamper (x3) AC Power Cord Edge Alignment Kit Open frame kit

Miscellaneous

On-Screen Display Languages	Arabic Dutch English French German Italian Japanese Polish Portuguese Russian Spanish Simplified Chinese Turkish Traditional Chinese

Multimedia Applications

USB Playback Video	AVI MP4 MPEG MPG TS VOB MPEG4
USB Playback Picture	BMP JPEG JPG PNG

Dimensions

Smart Insert mount	100mm x 100mm pitch, 6xM4L6
Set Width	1248.6 mm
Set Height	719.4 mm
Set Depth	85 mm
Set Width (inch)	49.16 inch
Set Height (inch)	28.32 inch
Set Depth (inch)	3.35 inch
Bezel width	17.5 mm (even bezel)
Wall Mount	400 x 400 mm, M6
Smart insert height	100 mm
Product weight	30.37 kg
Product weight (lb)	66.95 lb

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