Q-Line Display

• 86"
• 3840 x 2160 (4K UHD)
• Ultra HD

86BDL3050Q/00

Show more

Simple, smart, sharp 18/7 display.

Turn up the stopping power with the Q-Line UHD Android display that goes big on resolution. Benefit from fast, hardware-free installation and superb picture quality. Easily display online and local content.

Benefits

Superb picture. Smooth performance
• Android SoC processor. Native and web apps
• Ultra-HD. Rich images. Stunning contrast

Effortless setup. Total control.
• Remote system management through CMND
• Operate, monitor and maintain with CMND & Control
• CMND & Create. Develop and launch your own content
• CMND & Deploy. Install and launch apps remotely

Cost-effective system solution
• Internal memory. Upload content for instant play
• Energy-saving automatic backlight control
• Integrated HTML5 browser. Play and control online content
• Integrated media player. Easily schedule USB content

Features

Powered by Android

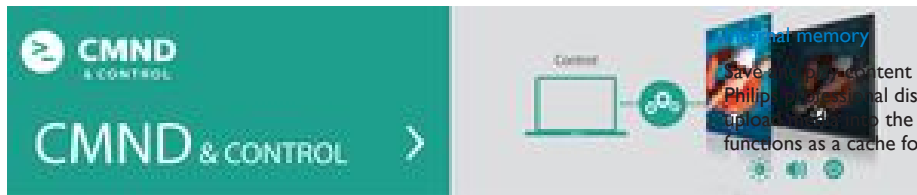Control your display via an Internet connection. Android-powered Philips Professional Displays are optimized for native Android apps, and you can install web apps directly to the display too. A new Android OS ensures the software is kept secure and remain to the latest specification for longer.
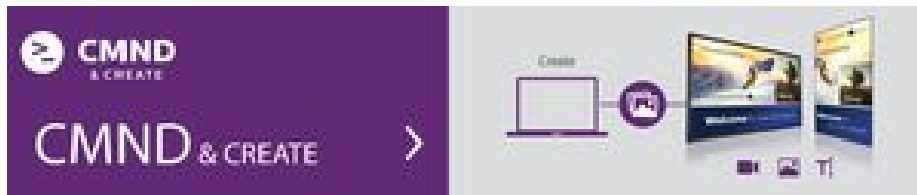
PHILIPS

CMND

Take control of your Philips Professional Display network. CMND lets you manage, update, maintain, and play via one easy-to-use interface. From installation to daily operation.

CMND & Control

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

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.

Internal memory

Save your content without the need for a permanent external player. Your Philips Professional display has an internal memory, which allows you to upload content to the display for instant playback. The internal memory also functions as a cache for online streaming.

Specifications

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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 @ 60 Hz
Brightness	410 cd/m²
Contrast ratio (typical)	1200:1
Response time (typical)	8 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.4935 x 0.4935 mm
Display colors	1.07 Billion
Picture enhancement	3/2 - 2/2 motion pull down
	3D Combfilter
	Progressive scan
	3D MA deinterlacing
	Dynamic contrast enhancement
	Color Enhancement
	Color Temperature Adjustment
	De-interlacer
	Noise Reduction
	Smart Picture
Operating system	Android 5.0.1
Panel technology	IPS

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 1024, 60Hz
	1360 x 768, 60Hz
	1600 x 1200, 60Hz
	1920 x 1080, 60Hz
	3840 x 2160, 30, 60Hz
Video formats	480i, 30, 60Hz
	480p, 30, 60Hz
	576i, 25, 50Hz
	576p, 25, 50Hz
	720p, 50, 60Hz
	1080i, 25, 30Hz
	1080p, 50, 60Hz
	2160p, 30,50, 60Hz

Connectivity

Video input	VGA (Analog D-Sub)
	DisplayPort (1.2)
	HDMI (x4)
	USB 2.0 (x2)
Audio input	3.5 mm jack
Audio output	Audio Left/Right (RCA)
External control	RS232C (in/out) 2.5 mm jack
	IR (in/out) 3.5 mm jack
	RJ45
Other connections	OPS
	AC-out
	Analog (D-sub input)
	Analog audio Left/Right out
	Display Port
	HDMI
	IR out
	micro SD
	PC Audio in
	RS232 Serial
	USB 2.0

USB power outlet (5 V. 2 amp)

Convenience

Screen saving functions	Pixel Shift, Low Brightness
Keyboard control	Lockable
Network controllable	LAN (RJ45)
	RS232
	Card OPS RS232
	HDMI (One Wire)
Signal loop through	RS232
	IR Loopthrough
Ease of installation	Smart Insert
	AC Out
	Carrying Handles
Energy saving functions	Smart Power
Placement	Landscape (18/7)
Remote control signal	Lockable
Tiled Matrix	Up to 10 x 15
Memory	8GB eMMC

Dimensions

Bezel width	15.15 (Top/Left/Right) 16.0 (Bottom) mm
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)	2.06 inch
Product weight	63.8 kg
Product weight (lb)	140.65 lb
VESA Mount	600 x 400 mm, M8

Operating conditions

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

Power

Mains power	100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (On mode)	302 W
Consupmtion at 350 nits	265W
Standby power consumption	<0.5W
Power Saving Features	Smart Power
Energy Label Class	G

Sound

Built-in speakers	2 x 10W RMS

Accessories

Included accessories	AC Power Cord
	RS232 cable
	Remote Control
	Batteries for remote control

Included Accessories	Quick start guide
	HDMI cable
	IR sensor cable (1.8M)
	RS232 daisy-chain cable
	USB Cover and screw x1

Multimedia Applications

USB Playback Video	MKV
	MP4
	MPEG
	MPG
	TS
	VOB
	WMV
	ASF
	AVI
	DAT
	FLV
	MOV
	TRP
	WEBM
USB Playback Picture	BMP
	JPEG
	JPG
	PNG
USB Playback Audio	AAC
	M4A
	MP3
	WMA

Miscellaneous

Warranty	3 year warranty
On-Screen Display Languages	Arabic
	Simplified Chinese
	Traditional Chinese
	English
	French
	German
	Italian
	Polish
	Russian
	Spanish
	Turkish
	Japanese
	Czech
	Danish
	Dutch
	Finnish
	Norwegian
	Portuguese
	Swedish
Regulatory approvals	CE
	UL/cUL
	CB
	FCC, Class B
	BSMI
	CCC
	EAC
	EMF
	EnergyStar 7.0
	PSB

Internal Player

Storage	8GB eMMC
CPU	Quad Core Full HD
Memory	2GB DDR3