FHDQ135S
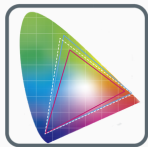
135" LED All-in-One Display

Elevate your collaborative experiences with Optoma's FHDQ135S. Dual OS and Wi-Fi* expand your capabilities, allowing seamless access to a broad array of apps and platforms. This powerful smart All-in-One display supports onboard processing for audio, and power, all through a single power cable.

Say goodbye to cable clutter and hello to a simplified setup that enhances efficiency.

*Dual OS refers to built-in Android OS and optional Windows OPS
*External Wi-Fi dongle

Stunning Visuals
Pre-calibrated out-of-the-box display, equipped with cutting-edge color calibration and HDR clarity, the FHDQ135S complies with DCI P3 and REC 709 color standards, ensuring every hue is vibrant, vivid, and true to life.

Robust 4 in 1 Flip Chip Technology
A unique 4-in-1 SMD layout which sees SMDs grouped in fours under one surface, allowing for a smoother screen surface, wide viewing angle and a more robust design.
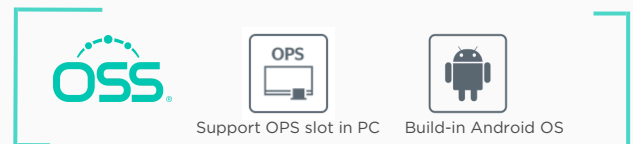
Remote support
Designed to streamline operations by monitoring, diagnosing and controlling audio visual displays via a local area network or the cloud; and wireless connectivity from a single platform and location from anywhere in the world.

Eco friendly
Supporting <0.5W in standby mode, that conforms with ErP regulations and the ability to manage the display from a central control system, power consumption is reduced which saves on energy costs.

Longer Continious Operation
Optoma AIO displays are designed to be used 24/7**, offering you continuous operation whatever your display needs and gives you peace of mind regarding your long-term Audio-Visual needs.

Quick and Easy Installation
Optoma FHDQ135S's modular design redefines efficiency, enabling a swift and straightforward assembly that reduces installation time from days to hours.

OSS
OPS — Support OPS slot in PC
Build-in Android OS

**Under specific conditions: ·max 70% power; ·max 25ºC; ·max 50% relative humidity; ·displaying typical moving content, not a static or mainly white image

FHDQ135S

135" ALL-IN-ONE LED DISPLAY

Specifications

Physical parameters

Pixel Pitch	1.5625
Pixel Configuration	4in 1 Flip Chip
Screen resolution	1920x1080
Module Dimensions (W x H)	150x337.5mm (5.9x13.3 inch)
No. of Modules Per Screen (W x H)	25x4(Total 100 Pcs LED Modules)
Screen Dimensions (W x H x D)	3032x1793.5x36mm-with Screen Frame
	3032x1793.5x85.3mm-with System Box
Weight (Per Cabinet/Per Screen)	4kg/190kg (8.82lbs/418.5 lbs)
Pixel Density	409,600 pixels/m2
Flatness of Cabinet	±0.15 mm
Cabinet Material	Die-cast Aluminum
Gray Level	12 bits (IC 16 bits)
Aspect Ratio	16:9
Service Access	Front: LED Module ; Rear: Controller

Electrical parameters

Power Supply Voltage	100-240V, 50/60Hz
Average Power Consumption (W/Screen)	≤ 750W
Max Power Consumption (W/Screen)	≤ 1700W(240V), 1500W (100V)
Refresh Rate	max. 3840

Operation Conditions

Operating Temp/Humidity	0 - 40 °C/ 10% - 80%RH (no frost)
Storage Temp/Humidity	-20 - 40 °C/ 10% - 65%RH (no frost)
IP Rating	IP50
Expected LED Lifetime (type)	100, 000Hrs

Speaker

Built-In	10Wx2
External	3.5-mm AUDIO external sound system connector (prior to the built-in sound system connector

System

OS	Android 9.0
WiFi Dongle	In accessories
Input	HDMI 2.0 (x3), DP 1.2, 3D-SDI, Genlock, USB 2.0 & 3.0, LAN port, OPS-Slot
Output	HDMI out, HDMI1 loop
Control	IR in, RJ45, RS232 in/out
Optoma App	Browser, Media player, Launcher OOBE, OMSC, Display Share, File Manager, Office Viewer, Marketplace, Whiteboard - Creative Board, FOTA App, Joan

Optical Parameter

Brightness	100 ~ 800 Nits Adjustable (240V) 100 ~ 700 Nits Adjustable (100V)
Contrast Ratio	10,000 : 1
Visual Viewing Angle (H x V)	170° x 170°
Brightness Uniformity	97%
Color Uniformity	± 0.003 Cx, Cy
Color Temperature - Default	6500 K
(Adjustable)	(3200K/ 9,300K/ 12,000K)

Certification

Certification	CE, CB, FCC, cTUVus, VCCI
Environment	RoHS, REACH, WEEE