



CREATE.
CONNECT.
INSPIRE.

Inspire with technology that wows

All-in-one LED Displays



optomaeurope.com





ALL-IN-ONE LED DISPLAY SOLUTIONS

Deliver smooth, bright and clear images for a variety of scenarios including boardrooms, classrooms, houses of worship, retail and hospitality. Optoma plug-and-play ProAV LED displays bring together simplified installation and incredible performance with low power consumption features to save energy and costs.



INSPIRE EFFORTLESSLY WITH LED DISPLAYS

The groundbreaking all-in-one LED displays come pre-calibrated out of the box, removing the hassle of managing software and various associated files, while ensuring the image is optimised for immediate use in any environment.



Easy install

Seamless installation process and a single power cable reduces installation time from days to hours. No need for separate scalers, control boxes or complicated calibration processes.

These simple one box solutions cover all installation options to include a wall and ceiling mount for install flexibility.



Power saving

Optoma's QUADZilla and SOLO displays can be switched on/off just like a TV. Additionally, units consume next to no power when in standby (0.5W) saving you money over the lifetime of the product vs traditional LED displays. The QUADZilla's eco-friendly common cathode technology drastically reduces power consumption against standard common anode solutions. In addition to low power consumption, the QUADZilla's and SOLO displays can simply be plugged directly into the mains avoiding the need for bespoke installation.



Easy to use

Optoma's all-in-one solutions allow you to achieve great results with any possible image source (up to 4K UHD). In addition to the QUADZilla's and SOLO handheld remotes, switching between different inputs can also be managed externally by RS232 or by our renowned Control Q app which is the smartest way to interact with our QUADZilla's and SOLO displays using an Android or iPhone device.

ALL-IN-ONE LED DISPLAY SOLUTIONS



Easy to move

The QUADZilla and SOLO display provides a lightweight, smart solution that can easily be wheeled around an office with the optional motorised stand and will fit through most doorways.**

Delivered in a dedicated low footprint flight case, all hardware required for a quick install is included.

***Screen height is 201cm - please ensure local compatibility.*



Brings light to your meeting

Not every end user has control over their ambient light conditions. Our QUADZilla and SOLO displays feature between 700 and 800 nits of brightness. This allows for uncompromised long lasting quality in the brightest of environments and also comfort in dimly lit meeting rooms.



Quick calibration, no cables, no mess

The QUADZilla and SOLO comes pre-calibrated out-of-the-box, removing the hassle of managing cables, software and the various associated files, whilst ensuring outstanding image quality.

QUADSHOW ALL-IN-ONE MOTORISED LIFT AND TRANSPORT SYSTEM

The QUADShow offers a complete custom solution for the indoor rental market, enabling flexible use of the SOLO for effortless installation and disassembly.



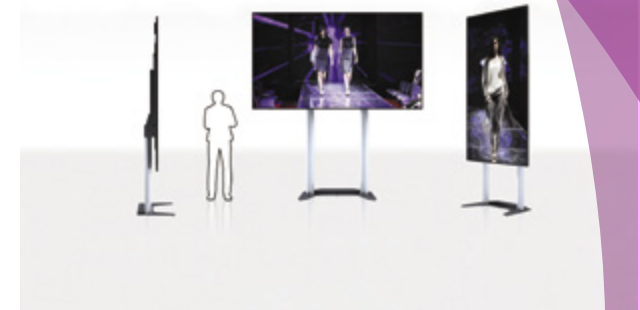
Large-scale LED display in minutes

The simple set-up process eliminates the complexity of a traditional LED build - dramatically reducing installation time to just a few minutes. This cuts the total project cost for AV installers and rental companies as no technical knowledge is required.



Easy to move

The QUADShow ensures complete protection of the SOLO within the easily movable flight case which fits through standard sized doorways - perfect for all types of corporate and entertainment events.



Motorised flexible solution

For added flexibility, the built-in display stand features height adjustment and screen rotation so the SOLO can be positioned in landscape orientation for daily use or portrait mode for digital signage.

FHDQ163 (QUADZILLA)

The QUADZilla display comes with many additional benefits.



Wireless content sharing

Wirelessly broadcast, share or stream high-quality images, video, documents and audio from your smartphone, laptop or PC to the big screen with CreativeCast Pro™. Bringing your own device has never been easier. Up to 40 devices can be connected simultaneously and users can annotate and save still images from any presentation.



Scalability

If your business grows, FHDQ163 grows with it: you can upscale your screen size by simply connecting multiple FHDQ163 displays. The extra-slim bezel is easily removable allowing you to build an even larger image.



Any input, powerful output

A wide range of connectivity options including dual HDMI, USB, RS232 and HDBaseT, gives you the freedom to choose between collaborating on an Excel spreadsheet or aiming for a new high score on the latest games.

When more speed is needed, the OPS slot allows you to plug an optional Intel compatible device to ensure you are never short on processing power.

QUADZILLA

Flexible viewing angle

When your audience is positioned off-angle, image quality on most LED displays can be compromised. With the Optoma QUADzilla, there is no need to compromise on image quality. With a 140 degree viewing angle, audiences can be assured of striking images in the tightest of seating arrangements, providing all viewers with the high quality content they deserve.



QUADZILLA

Control in your hands

Whether you want to use your LED display to run motivating corporate content, presentations or the latest movie release, the FHDQ163 has pre-set picture modes so you always get the best viewing experience. In addition to pre-set modes, users can also customise and save image settings for ultimate flexibility.



CASE STUDY

IMPRESSIVE NEW LED DISPLAY FOR EUROMETROPOLITAN E-CAMPUS

Avadis installed a 4 metre wide 2mm pixel pitch LED display to replace a 10,000 lumen projector and a 5.2m wide screen.

The Eurometropolitan e-Campus, located in Froyennes, Belgium, is a collective entity of higher education and continued training dedicated to the digital domains.



“For us, this is not only an image or a luxury we wanted to afford; this is a real tool. Several institutions, universities and teachers will come, so it is ideal for use with different sources: tablets, computers, or even with a USB key, for example. We needed a versatile, great quality screen because we will also work on international level, so sometimes there will be Visio conferences with audience interaction.”

Carl Lukalu ,
Director of the Eurometropolitan e-Campus



ALL-IN-ONE LED DISPLAY RANGE

To overcome high energy costs, Optoma developed the all-in-one (AIO) LED display. The AIO range features low power consumption when powered on, and an eco-friendly <0.5W standby mode, saving energy and reducing costs. More in line with a consumer electronic installation, they are also powered by a single power cable for a simple plug-and-play setup.

An Optoma AIO LED display costs a lot less to operate, versus standard modular LED displays:



	Daily active usage (hours)	Days per week	Weekly hours on	Weekly hours in standby (Sby)	Weekly Sby consumption LED range KWh	Weekly Sby consumption traditional modular LED KWh	Amount of energy saved thanks to Optoma LED range KWh weekly
Meeting usage	4	5	20	28.74	0.074	188	159.26
Meeting and display usage	8	5	40	56.64	0.064	208	151.36
Display usage	16	7	112	157.08	0.028	280	122.92

The energy used here is the equivalent to:



Boiling a kettle 1176 times



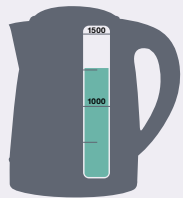
Charging your phone constantly for 370 days (24 hours a day)



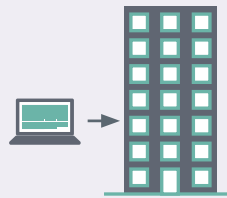
Operating 178 laptops during a standard workday

HOW DOES THIS TRANSLATE INTO WEEKLY SAVINGS?

What does 128kWh of electricity look like in the real world?



1279 kettles boiled
8953 cups of tea



948 laptops
Enough for each person working in a large office block building



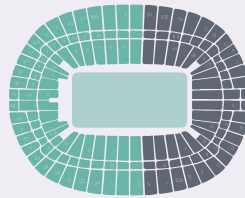
36kg CO2 Eq
Roughly the same as running an average saloon car for 4 days.

WHAT WILL THIS SAVE YOU EVERY YEAR?

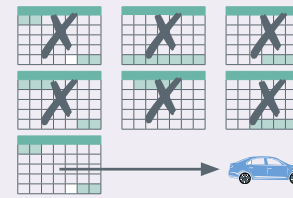
What does 6652kWh of electricity look like?



66,527 kettles boiled
466,004 cups of tea



49,279 laptops
Enough for over half of the people sitting in Wembley Stadium.



1883kg CO2 Eq
The equivalent of running an average saloon car for over 7 months.

This would also equal **23,284 miles** in an electric car.
Almost enough to drive around the world.



SERVICE / SUPPORT / WARRANTY

Pre-sales / post-sales support

An established local network of support technicians to help you with your project specification / design and technical questions.

Superior quality control and service network

Two-tiered quality control teams both on site at the factory and in Europe combined with Optoma's local service centres, ensure exceptional colour calibration and consistency throughout the lifecycle of our LED displays.

Logistics support

An established European based distribution network ensures your solution arrives where it is needed on time.

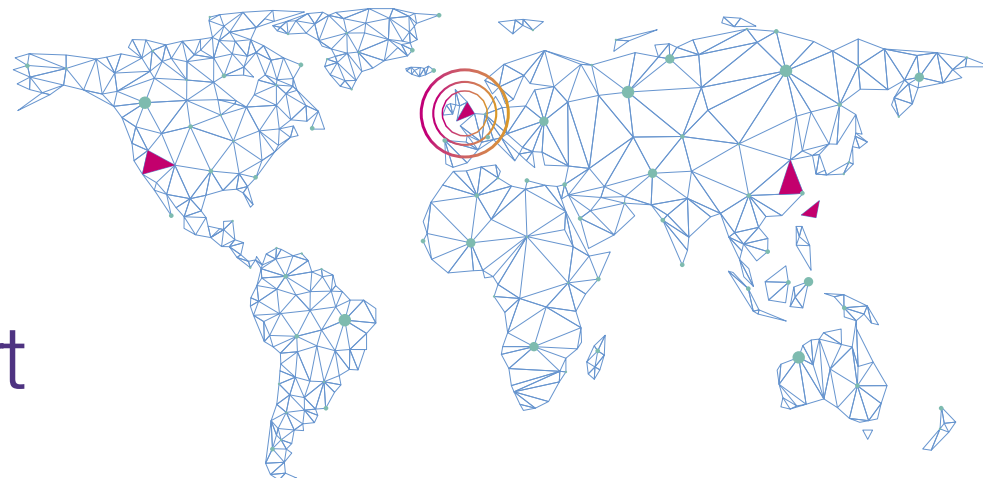
Flexible warranty

Building on Optoma's extensive service and support structure, you can be assured we have a solution to suit your needs:

- ✓ Standard LED display warranty
- ✓ Advanced LED display warranty options*
- ✓ Onsite technical support
- ✓ Spare parts advance replacement
- ✓ Unlimited phone / email support

*To be discussed with your local sales contact

OPTOMA HEAD OFFICES



Customer service
and technical support
is our priority.

CASE STUDY

OPTOMA'S 'WOW' FACTOR LED DISPLAY TAKES CENTRE STAGE AT SCHINDLER HQ IN BERLIN

Badenova installed a 163-inch Optoma LED display, the FHDQ163, for the larger supervisory board meeting room, the "Forum".

Badenova is an energy and environmental service provider in the region of South Baden.



We are all very happy with the new Optoma LED display installed here in the boardroom. The fact that we don't have to darken the room completely and the images look great even with the lights left on is a clear advantage. We will probably use this technology again and again.



Stefan Eckstein,
Head of Building Management at Badenova

badenova



ALL-IN-ONE LED SPECIFICATIONS



SERIES	SOLO	QUADZILLA
MODEL	FHDS130	FHDQ163 AIO
	(Recommended for Corporate & Education)	(Recommended for Corporate & Education)
FEATURE		
Display resolution	FHD 1080P	FHD 1080P
Display size	2.92m x 1.66m (130" diagonal)	3.6m x 2.025m (163" diagonal)
Pixel pitch (H x V)	1.5 mm	1.875 mm
Minimum viewing distance	1.5 m	1.9 m
Contrast	5000:1	5000:1
Panel depth (min/max)	38/71 mm	38/71 mm
Standard panel weight	125 kg	191 kg
SMD structure	SMD1010	QUAD 4-in-1
Viewing angle	H/V 140°	H/V 140°
Brightness	800 nits	700 nits
LED fixings	Front access	Front access
Operating temperature range	0 to +40	0 to +40
Refresh rate	≥3000	3840
Lifespan	>100,000 hours	>100,000 hours
Mounting frame	Included	Included
INCLUDED COMPONENTS		
Scaler-switcher	Built-in	Built-in
Sender	Built-in	Built-in

MODEL	QUADSHOW
	(Recommended for Education)
FEATURE	
Total weight (excluding FHDS130)	506kg
Stand weight (excluding FHDS130)	220kg
Flight case weight (excluding FHDS130 and stand)	286kg
Stand dimensions (including FHDS130)	2919 x 736 x 1805mm
Flight case dimensions	3030 x 822 x 1985mm
Stand lifting range	1805 - 3165mm
Power supply	230 V AC / 50Hz



Service and Support

[More information](#)



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