



A True All-in-One LED Display Solution

Simplifying Installation, Elevating Experiences

OMNI Series is a true All-in-One LED Display Solution featuring an integrated cabinet design with a built-in processor and speaker system. This streamlines the on-site installation process for cost and time saving. The special bezel design enables easy side-by-side connection for N x 1 or N x 2 configurations to enhance its application flexibility other than standalone deployment.

The Omni Series is easily operated via a remote-control unit, along with its integrated I/O port, plug-and-play functionality and wireless screen sharing feature, making it ideal for educational and workplace utilization.

OMNI Series

Features

True All-in-One LED Display

Integrated cabinet with a built-in processor

Quick Maintenance

Front access design with easy parts removal arrangement

Stable & Easy Operation

Screen operation with hand-held remote-controller

Nano Coating

nano coating treatment for improved moisture resistance and enhanced contrast

Integrated I/O Port

HDMI Input x 2
USB x 1
LAN x 1
Audio Output x 1

Side-by-Side

Special bezel design to enable side-by-side connection for N x 1 or N x 2 configurations

Two Built-in Speakers

Eliminate the hassle of external audio connections



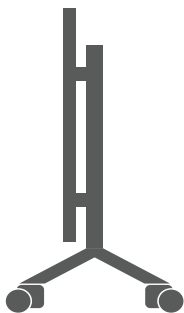
Applications

- ⊙ Education
- ⊙ Workspace
- ⊙ Public information
- ⊙ Command centre
- ⊙ Luxury retail chains
- ⊙ Studio



General Information

Items	AIO136	AIO163
Pixel Pitch	1.5625 mm	1.875 mm
LED Type	SMD	SMD
Pixel LED per Panel	1,920x1,080	1,920x1,080
Panel Dimension (WxH)	3,004x1,692 mm	3,604x2,092 mm
Panel Depth	45.5mm Slimmest Portion	45.5mm Slimmest Portion
Display Dimension (WxH)	3,000x1,687.5 mm	3,600x2,025 mm
Aspect Ratio	16:9	16:9
Panel Weight	132 kg/pc	190 kg/pc
Panel Materials	Aluminium	Aluminium
Brightness	500 nits	500 nits
Refresh Rate	3,840 Hz	3,840 Hz
Gray Scale	16 bit	16 bit
Viewing Angle	H 160° / V 160°	H 150° / V 150°
Contrast Ratio	3,000:1	3,000:1
Driving Method	1/30	1/30
Colour Temperature	6,500K	6,500K
Ingress Protection	Front IP30/ Rear IP20	Front IP30/ Rear IP20
Max. Power Consumption	1,700 W/Panel	2,000 W/Panel
Avg. Power Consumption	680 W/Panel	800 W/Panel
Maintenance	Front Access	Front Access
Installation Options	Wall-Mount, Stand-Mount	Wall-Mount, Stand-Mount
Working Temperature	0°C to +40°C	0°C to +40°C
Working Humidity	0-90% RH (No Condensation)	0-90% RH (No Condensation)
Storage Temperature	-10°C to +50°C	-10°C to +50°C
Storage Humidity	0-90% RH (No Condensation)	0-90% RH (No Condensation)
Panel Input Format	USB/HDMI	USB/HDMI
Input Voltage	AC 100-240V	AC 100-240V
Certificate Compliance	CE-EMC, CE-LVD, ETL, FCC	CE-EMC, CE-LVD, ETL, FCC
Environment	RoHS and Reach	RoHS and Reach



Stand-Mount



Wall-Mount



Yaham Optoelectronics Co., Ltd.

Tel: +86-755-2950-3560

Web: www.yaham.com

Email: sales@yaham.com

Address: 5F, Tower A, Haina Baichuan Headquarters Building, No.6 Baoxing Road, Bao'an District, Shenzhen, China

© 2025 Yaham Optoelectronics Co., Ltd.

All rights reserved.

August 2025 – data subject to change