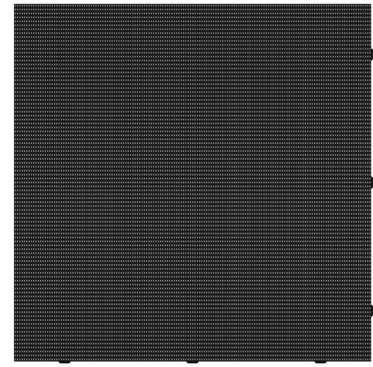


Product parameters



Item	YH-DT2.667-CHO	YH-DT4-CHO
Pixel Pitch	2.667 mm	4 mm
LED Configuration	SMD 1415 (White)	SMD 1921 (White) Black LED available
Pixel Density	140625 px/m ²	62500 px/m ²
Module Dimension	192×384 mm	192×384 mm
Module Resolution	72×144 px	48×96 px
Standard Cabinet Dimension	768×768×76 mm 30.2" x 30.2" x 3"	1152×768×80 mm 45.3" x 30.2" x 3.1"
Cabinet Resolution	288×288 px	192×288 px
Screen Weight	29 kg/m ² 63.9 lb/m ²	28 kg/m ² 61.7 lb/m ²
Cabinet Material	Aluminum profiles	Aluminum profiles
Brightness	4000 nits (White)	6500 nits (White) 4500 nits (Black)
Refresh Rate	≥3840 Hz	≥3840 Hz
Gray Scale	14~16 bit	14~16 bit
Viewing Angle	H140° / V140°	H140° / V120°
Driving Method	1/18 S	1/8 S
Colour Temperature	6500~8500K	6500~8500K
Ingress Protection	IP65	IP65
Max. Power Consumption	650-800 W/m ²	650-800 W/m ²
Avg. power Consumption	200-250 W/m ²	200-250 W/m ²
Maintenance	Front Access	Front Access
Working Temperature	-20°C~50°C, -68°F~122°F	-20°C~50°C, -68°F~122°F
Working humidity	0~90%RH	0~90%RH
Storage temperature	-5°C~30°C, -41°F~86°F	-5°C~30°C, -41°F~86°F
Storage humidity	20%~75%RH	20%~75%RH
Certifications	UL, FCC, CE, RoHs	UL, FCC, CE, RoHs

Item	YH-DT5.33-CHO	YH-DT6-CHO	YH-DT8-CHO
Pixel Pitch	5.33 mm	6 mm	8 mm
LED Configuration	SMD 1921 (White) Black LED available	SMD 1921 (White) Black LED available	SMD 2727 (White)
Pixel Density	35156 px/m ²	27777 px/m ²	15625 px/m ²
Module Dimension	192×384 mm	192×384 mm	192×384 mm
Module Resolution	36×72 px	32×64 px	24×48 px
Standard Cabinet Dimension	1152×768×80 mm 45.3" x 30.2" x 3.1"	1152×768×80 mm 45.3" x 30.2" x 3.1"	1152×768×80 mm 45.3" x 30.2" x 3.1"
Cabinet Resolution	144×216 px	128×192 px	96×144 px
Screen Weight	28 kg/m ² 61.7 lb/m ²	28 kg/m ² 61.7 lb/m ²	28 kg/m ² 61.7 lb/m ²
Cabinet Material	Aluminum profiles	Aluminum profiles	Aluminum profiles
Brightness	6000 nits (White) 4000 nits (Black)	6500 nits (White) 4500 nits (Black)	6500 nits (White)
Refresh Rate	≥3840 Hz	≥3840 Hz	≥3840 Hz
Gray Scale	14~16 bit	14~16 bit	14~16 bit
Viewing Angle	H140° / V120°	H140° / V110°	H140° / V110°
Driving Method	1/6 S	1/4 S	1/3 S
Colour Temperature	6500~8500K	6500~8500K	6500~8500K
Ingress Protection	IP65	IP65	IP65
Max. Power Consumption	650-800 W/m ²	650-800 W/m ²	650-800 W/m ²
Avg. power Consumption	200-250 W/m ²	200-250 W/m ²	200-250 W/m ²
Maintenance	Front Access	Front Access	Front Access
Working Temperature	-20°C~50°C, -68°F~122°F	-20°C~50°C, -68°F~122°F	-20°C~50°C, -68°F~122°F
Working humidity	0~90%RH	0~90%RH	0~90%RH
Storage temperature	-5°C~30°C, -41°F~86°F	-5°C~30°C, -41°F~86°F	-5°C~30°C, -41°F~86°F
Storage humidity	20%~75%RH	20%~75%RH	20%~75%RH
Certifications	UL, FCC, CE, RoHs	UL, FCC, CE, RoHs	UL, FCC, CE, RoHs

*Note: The specifications are for reference, actual values may vary. Convex curving ability only applies to custom tiles.

CHO
SERIES

HIGH-END LED DISPLAY SOLUTION PROVIDER



www.yaham.com



CHO series

OUTDOOR CREATIVE
FINE PITCH LED DISPLAY



YAHAM

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HIGH-END LED DISPLAY SOLUTION PROVIDER

YAHAM
Yaham Optoelectronics Co., Ltd



CHO series

The CHO series retains the **slimness** of its predecessor and is available in a wide range of cabinet sizes as well. The targeted cabinet and module design also gives it a **high level of protection**, allowing it to be used in buildings and facades with **irregular surfaces at close viewing distances**, making advertising displays even more creative.



Lightweight cabinet

The weight of the cabinet is approximately **25 kg/m²** and the thickness is only **76 mm**, effectively reducing the load on the building.



IP65 protection

Glued throughout, with front and rear **IP65 protection** to suit the harsh outdoor environment.



High brightness

Customized high brightness LEDs with brightness up to **6500nits**.



Stable and reliable

The intelligent modules are automatically matched to the brightness, and color temperature. A dual power supply and dual signal design ensure a **stable display**.



Customizable

A wide range of cabinet sizes to meet **customized project requirements**.



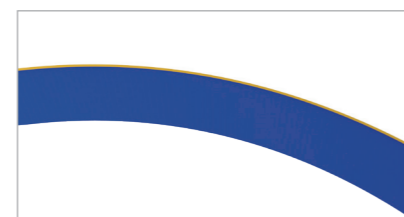
Green and energy efficient

The aluminum extrusion cabinet provides excellent **heat dissipation, low energy consumption, and high energy efficiency**.

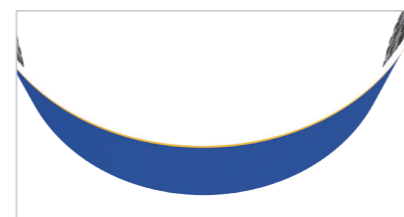
Core points

01 | FLEXIBLE SHAPES

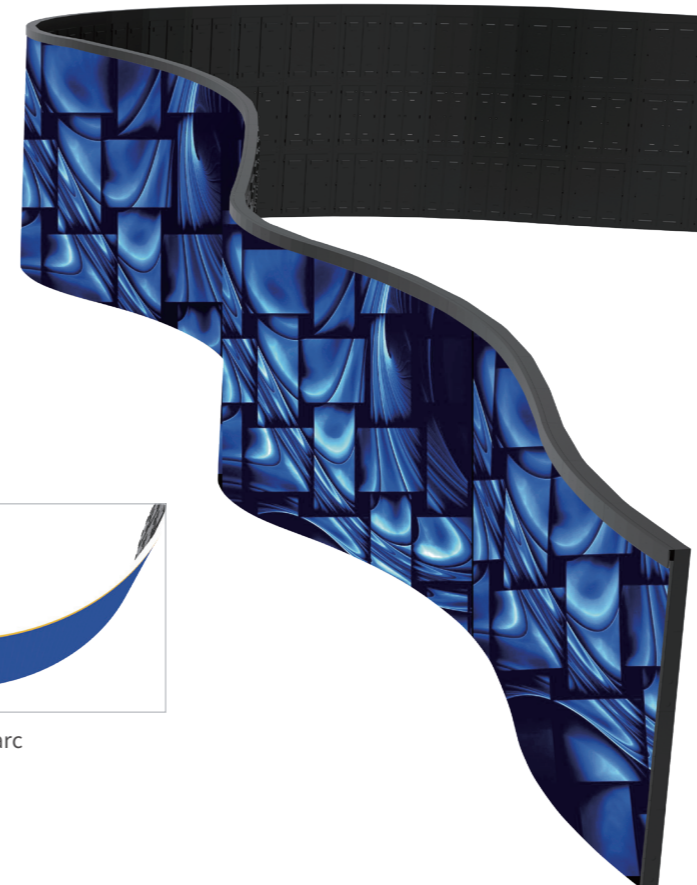
The CHO series is available in a variety of cabinet sizes and can be customized to suit the characteristics of the building surface with more creative wave screens, inner or outer curved screens, floating ribbon screens and other LED displays to empower brands.



Inner arc

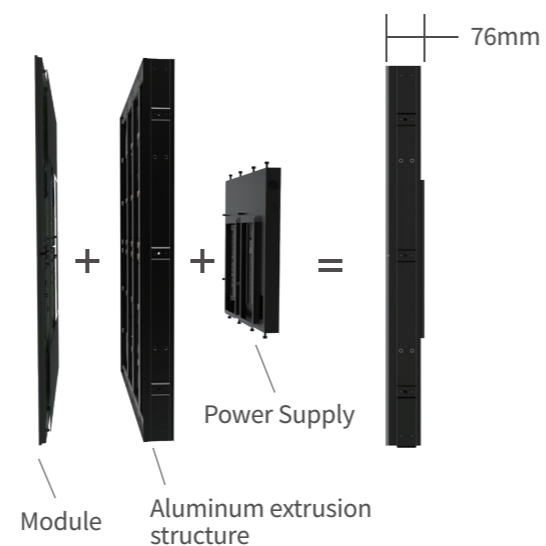


Outer arc



02 | ULTRA-CLEAR AND ULTRA-THIN

The cabinet is made of aluminum extrusions, featuring in a compact structure and light weight, weighing **25 kg/m²**, which reduces the load on the building structure and can be operated and installed by a single person.



03 | HIGH BRIGHTNESS DISPLAY

Choice between black/white LEDs; a brightness up to **6500nits** for clear display even under strong outdoor sunlight.



6500 nits
brightness

SMD (white)

6000:1
high contrast

SMD (black)

Application Scenario

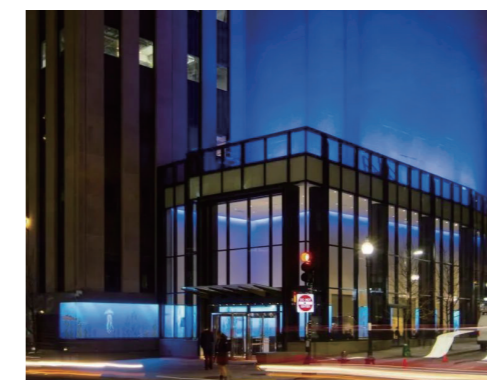


Hotel Entrance

FINE PITCH

OUTER OR INNER ARC DISPLAY SCREEN, OR MORE SURPRISE APPLICATIONS?

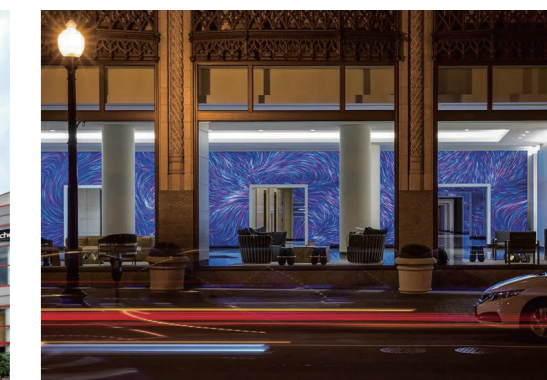
With CHO series, any curved LED displays can be made into reality, be it inner arc or outer arc. But it's not the best CHO series can do. As an outdoor counterpart of CH series, it can achieve making irregular shapes, like a funnel, which can yield a better advertising effect.



Public Area Entrance



Square



Entrance of Office