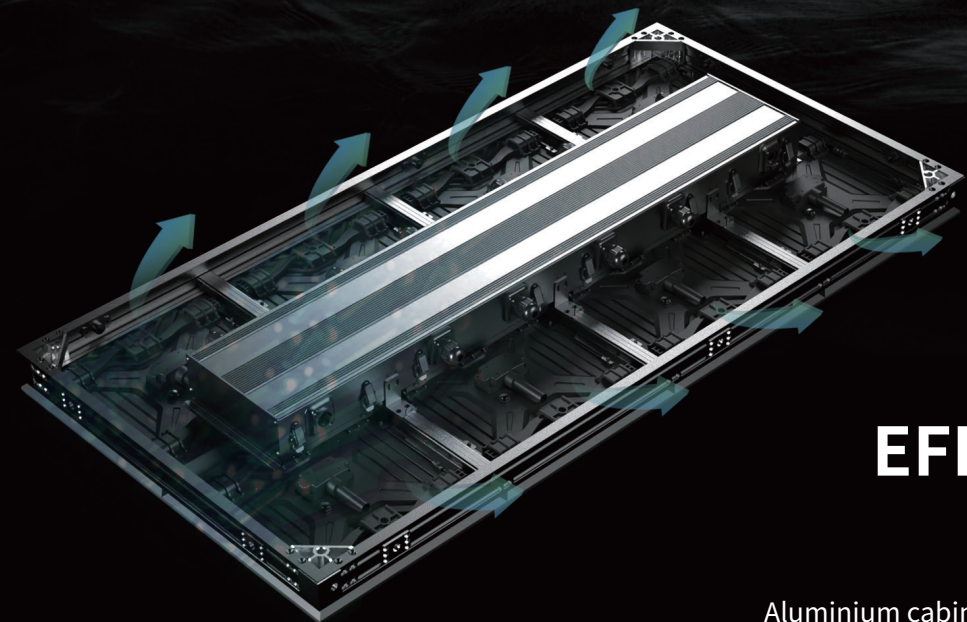


03

IP65 HIGH PROTECTION

Adapting specific packaging technology and designs, it is IP65 protection for both the front and rear. IP65 dustproof and waterproof module empowers ultra stability in extreme weather conditions.



04 EFFICIENT HEAT DISSIPATION

Aluminium cabinet presents better heat dissipation working with specific pattern and thermally conductive graphene on the power box, it delivers efficient heat dissipation, resulting in higher stability and lower consumption.

X2
SERIES

TRANSFORM YOUR IDEA INTO REALITY



www.yaham.com



YAHAM

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OUTDOOR HIGH DEFINITION LED SCREEN

Transform Your Idea into Reality

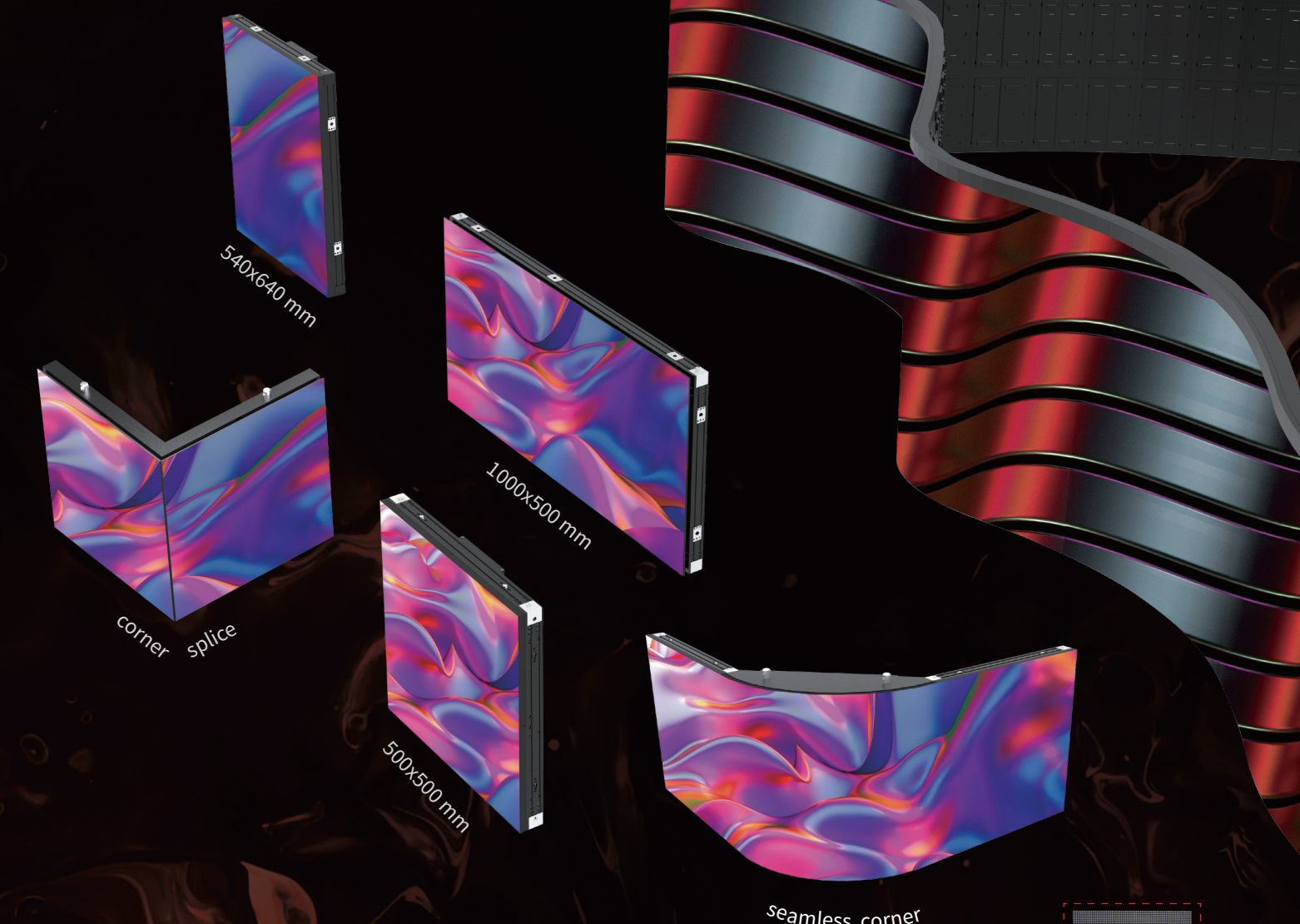
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01

FLEXIBLE CABINET DIMENSIONS AND DESIGNS

Flexible for all kinds of applications, including corner splice, seamless corner, inner and outer-arcs etc.



02

UHD IMAGE

16bit grayscale, 3840Hz refresh rate ensure realistic colours and great consistency. 8K resolution provides an ultra clear viewing experience that displays exquisite detail.



X2a series

ULTRA CLEAR, OUTDOOR MOVIES

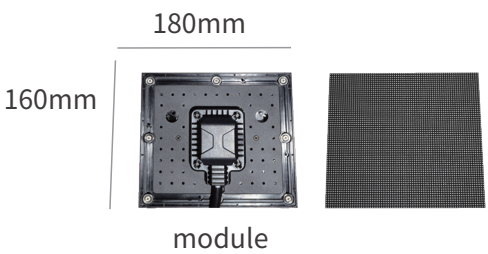
X2a utilizes specific packaging technology and designs to deliver high brightness and high protection based on outdoor 2.5mm small pixel pitch, resulting in an 8K resolution unparalleled viewing effect and uninterrupted immersive viewing experience.



Freely match various screen sizes such as 16:9, 5:4 ratio etc



16bit grayscale, 3840Hz refresh rate ensure realistic colours and great consistency.



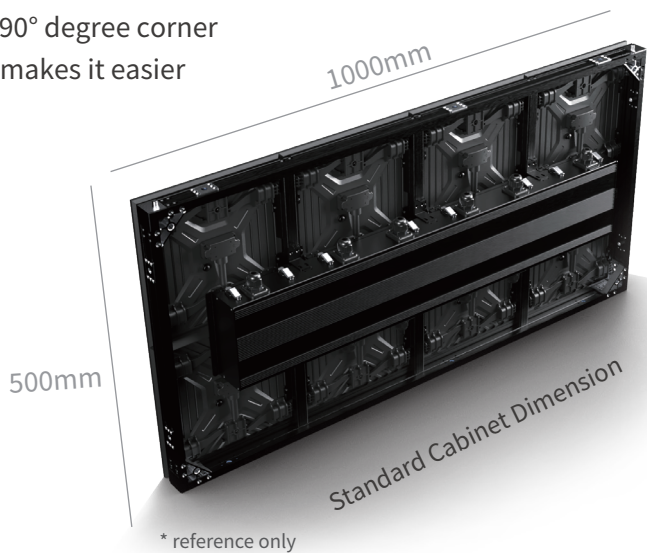
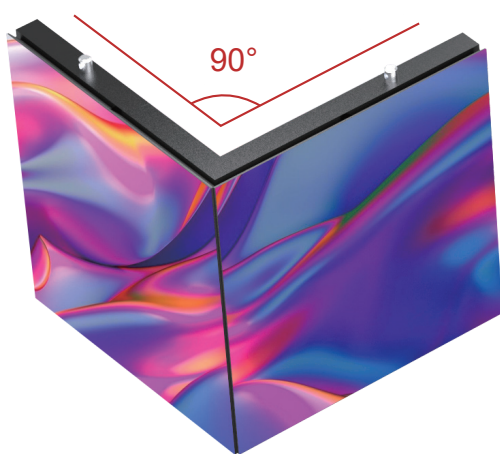
Item	YH-DT2.5-X2a
Pixel Pitch	2.5 mm
LED Type	SMD 3 in 1
Pixel Density	160000 pixels/m ²
Module Dimension	180×160 mm
Module Resolution	72×64 px
Cabinet Dimension	540×640×115 mm
Cabinet Resolution	216×256 px
Cabinet Weight	12±0.5 kg
Cabinet Material	Aluminum
Brightness	3500~5500 nits
Colour Temperature	6500~8500 k
Contrast Ratio	≥ 3000 :1
Gray Scale	14~16 bit
Refresh Rate	≥ 3840 Hz
Viewing Angle	H 140° / V 140°
Maintenance	Front / Rear access
Ingress Protection	Front & Rear IP65
LED Lifespan	100,000 h
Working Temperature	-20°C ~50°C
Storage Temperature	-40°C ~80°C
Working Humidity	10~90% RH
Power Supply	AC 100-240 V
Max. Power Consumption	750 W/m ²
Avg. Power Consumption	265 W/m ²
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)

*The above parameters do not include process errors.

X2b series

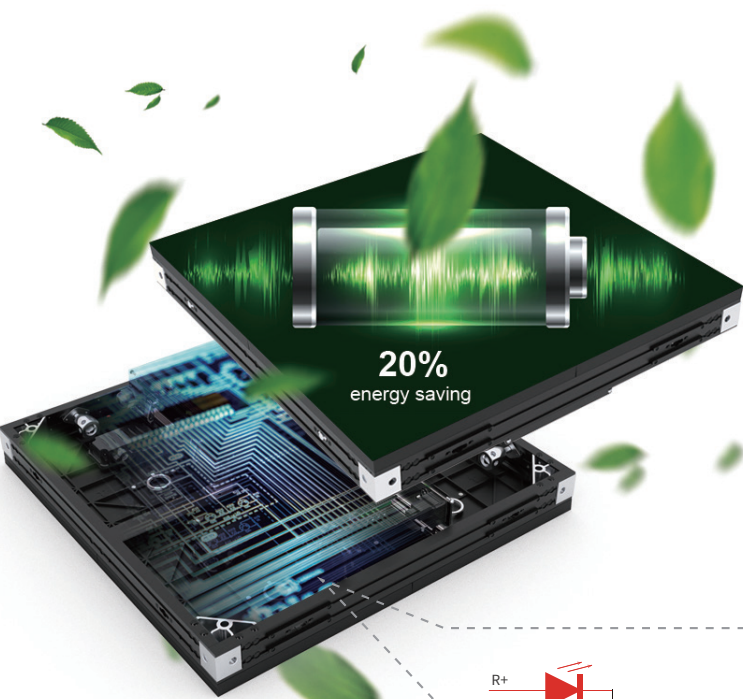
COST EFFECTIVE, 90° DEGREE CORNER

Cabinet is flexible in a mitre joint shaped to form a 90° degree corner precisely without additional configurations, which makes it easier to match the corners, pillars for creative designs, unlocks the building's endless potential



Item	YH-DT2.97-X2b	YH-DT3.91-X2b	YH-DT4.81-X2b
Pixel Pitch	2.97 mm	3.91 mm	4.81 mm
LED Type	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel Density	112896 /m ²	65536 /m ²	43264 /m ²
Module Dimension	250×250 mm	250×250 mm	250×250 mm
Module Resolution	84×84 px	64×64 px	52×52 px
Cabinet Dimension	1000×500×96 mm	1000×500×96 mm	1000×500×96 mm
Cabinet Resolution	336×168 px	256×128 px	208×104 px
Cabinet Weight	14.5±0.5 kg	14.5±0.5 kg	14.5±0.5 kg
Cabinet Material	Aluminum	Aluminum	Aluminum
Brightness	3500~5500 nits	3500~5500 nits	3500~5500 nits
Colour Temperature	6500~8500 k	6500~8500 k	6500~8500 k
Contrast Ratio	≥ 3000 :1	≥ 3000 :1	≥ 3000 :1
Gray Scale	14~16 bit	14~16 bit	14~16 bit
Refresh Rate	≥ 3840 Hz	≥ 3840 Hz	≥ 3840 Hz
Viewing Angle	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°
Maintenance	Front / Rear access	Front / Rear access	Front / Rear access
Ingress Protection	Front & Rear IP65	Front & Rear IP65	Front & Rear IP65
LED Lifespan	100,000 h	100,000 h	100,000 h
Working Temperature	-20°C ~50°C	-20°C ~50°C	-20°C ~50°C
Storage Temperature	-40°C ~80°C	-40°C ~80°C	-40°C ~80°C
Working Humidity	10~90% RH	10~90% RH	10~90% RH
Power Supply	AC 100-240 V	AC 100-240 V	AC 100-240 V
Max. Power Consumption	700 W/m ²	700 W/m ²	650 W/m ²
Avg. Power Consumption	250 W/m ²	250 W/m ²	200 W/m ²
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)

*The above parameters do not include process errors.



X2s series

DUAL VOLTAGE SUPPLY, COMMON CATHODE MORE POWER SAVING

Dual-channel voltage output with common cathode technology effectively reduces power consumption by 15-20%, advanced thermal management further leads to longer service life, lower operation cost and higher ROI.

Item	YH-DT3.125-X2s	YH-DT3.91-X2s	YH-DT5.21-X2s
Pixel Pitch	3.125 mm	3.91 mm	5.21 mm
LED Type	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel Density	102400 /m ²	65536 /m ²	36864 /m ²
Module Dimension	250×250 mm	250×250 mm	250×250 mm
Module Resolution	80×80 px	64×64 px	48×48 px
Cabinet Dimension	500×500×85 mm	500×500×85 mm	500×500×85 mm
Cabinet Resolution	160×160 px	128×128 px	96×96 px
Cabinet Weight	8.5±0.5 kg	8.5±0.5 kg	8.5±0.5 kg
Cabinet Material	Aluminum	Aluminum	Aluminum
Brightness	3500~5500 nits	3500~5500 nits	3500~5500 nits
Colour Temperature	6500~8500 k	6500~8500 k	6500~8500 k
Contrast Ratio	≥ 3000 :1	≥ 3000 :1	≥ 3000 :1
Gray Scale	14~16 bit	14~16 bit	14~16 bit
Refresh Rate	≥ 3840 Hz	≥ 3840 Hz	≥ 3840 Hz
Viewing Angle	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°
Maintenance	Front / Rear access	Front / Rear access	Front / Rear access
Ingress Protection	Front & Rear IP65	Front & Rear IP65	Front & Rear IP65
LED Lifespan	100,000 h	100,000 h	100,000 h
Working Temperature	-20°C ~50°C	-20°C ~50°C	-20°C ~50°C
Storage Temperature	-40°C ~80°C	-40°C ~80°C	-40°C ~80°C
Working Humidity	10~90% RH	10~90% RH	10~90% RH
Power Supply	AC 100-240 V	AC 100-240 V	AC 100-240 V
Max. Power Consumption	650 W/m ²	650 W/m ²	650 W/m ²
Avg. Power Consumption	200 W/m ²	200 W/m ²	200 W/m ²
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)

*The above parameters do not include process errors.

APPLICATION

X2 CASE

Outdoor advertising for close viewing: transportation hub, e-poster, lintel, entrance, display window, etc



Entrance



Billboard



Station

For more about X2 details, please contact the professional sales team.