



**X2s** SERIES

# OUTDOOR SMALL PIXEL PITCH LED DISPLAY



- Australia

## Outdoor small pixel pitch LED display

X2s is a small pitch LED display developed to accommodate closer viewing considerations for outdoor installations and more detailed content broadcasting. The enhanced Ingress Protection and industry-leading technology ensure stability of performance and picture perfect image quality.

### Features



Common cathode



Ultra light cabinet



Smart module



High gray scale



Fast assembly



Front access



IP65



Flexible in shape



## High Ingress Protection

Yuham X2s module benefits from IP65 water-resistant and dust-proof qualities, expanding the opportunities for high resolution outdoor installations.



## Aluminium structure, Perfect precision

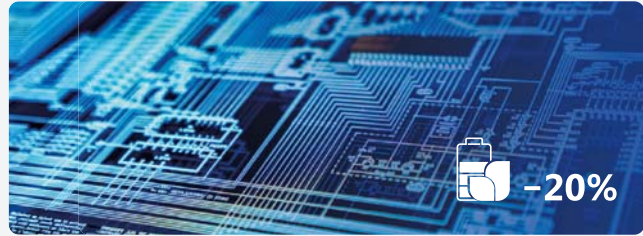
Precision aluminium stamping ensures the X2s cabinet has the ultimate in uniformity. Cabinet assembly benefits from pneumatic air-actuated clamping tools and full CNC processing achieving accuracy levels up to  $\pm 0.05\text{mm}$ .



## Channeled and recessed cabinet alignment

Cabinets are designed with four-sided rabbet joints to assist LED display assembly, faster installation and final screen perfection. The bottom of each cabinet is equipped with two tracks to protect module from being damaged during manufacturing or installation.





## Precise and independent power input

Dual-voltage input and common cathode technology achieves 15-20% lower power consumption than regular LED displays. Advanced thermal management qualities advances longevity of LED life and performance.



## Smart module

Data is auto to individual modules resulting in no need to manually calibrate when replacing with spare module supplied

- Smart module are able to:**
- . Work by independent identification
  - . Store calibration data
  - . Monitor running time
  - . Synchronize data



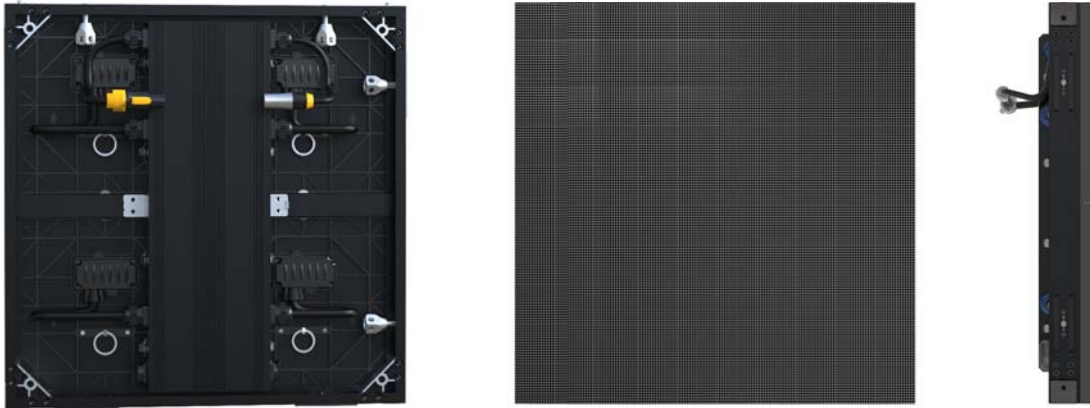
## Flexibility in size

In addition to the standard 500\*500mm cabinet dimensions, bespoke projects can be facilitated to deliver truly inspirational LED displays and installations.



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### X2s - SPECIFICATION

Item	YH-DT3.125	YH-DT3.91
Pixel Pitch	3.125 mm	3.91 mm
LED Type	SMD 3 in 1	SMD 3 in 1
Pixel Density	102400 /m <sup>2</sup>	65536 /m <sup>2</sup>
Module Dimension (W×H)	250×250 mm	250×250 mm
Module Resolution (W×H)	80×80 px	64×64 px
Cabinet Dimension (W×H×D)	500×500×85 mm	500×500×85 mm
Cabinet Resolution (W×H)	160×160 px	128×128 px
Screen Weight	9±0.5 kg	9±0.5 kg
Cabinet Material	Aluminum	Aluminum
Brightness	3500 nits	3500~6000 nits
Colour Temperature	6500~8500 k	6500~8500 k
Contrast Ratio	≥ 3000 :1	≥ 3000 :1
Gray Scale	≥ 14 bit	≥ 14 bit
Refresh Rate	≥3840 Hz	≥1920 Hz
Viewing Angle	H 120° / V 160°	H 120° / V 160°
Driving Method	1/10 S	1/8 S
Access	Front Access	Front Access
Ingress Protection	Front & Rear IP65	Front & Rear IP65
LED Lifespan	100,000 h	100,000 h
Working Temperature	-20°C~50°C	-20°C~50°C
Storage Temperature	-40°C~80°C	-40°C~80°C
Working Humidity (RH)	0~90%	0~90%
Power Supply	AC 100-240 V	AC 100-240 V
Max. power Consumption	650 W/m <sup>2</sup>	650 W/m <sup>2</sup>
Avg. power Consumption	200 W/m <sup>2</sup>	200 W/m <sup>2</sup>
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)	

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