



S1/S0 SERIES

STANDARD OUTDOOR

LED DISPLAY (SMD/ DIP)

Transform Your Idea into Reality

S1(SMD) - SPECIFICATION

Item	YH-DT4	YH-DT5	YH-DT6	YH-DT8	YH-DT10	YH-DT12	YH-DT16
Pixel Pitch	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	16 mm
LED Type	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel Density	62500 px/m ²	40000 px/m ²	27777 px/m ²	15625 px/m ²	10000 px/m ²	6944 px/m ²	3906 px/m ²
Module Dimension (W×H)	160×160 mm	160×160 mm	192×192 mm	256×128 mm	320×160 mm	192×192 mm	256×128 mm
Module Resolution (W×H)	40×40 px	32×32 px	32×32 px	32×16 px	32×16 px	16×16 px	16×8 px
Cabinet Dimension (W×H×D)	640×640×135mm	640×640×170 mm	768×768×170 mm	1024×1024×170 mm	1280×640×170 mm	768×768×170 mm	1024×1024×170 mm
Cabinet Resolution (W×H)	160×160 px	128×128 px	128×128 px	128×128 px	128×64 px	64×64 px	64×64 px
Screen Weight	60 kg/m ²	60 kg/m ²	60 kg/m ²	60 kg/m ²	60 kg/m ²	60 kg/m ²	60 kg/m ²
Cabinet Material	Metal Plate	Metal Plate	Metal Plate	Metal Plate	Metal Plate	Metal Plate	Metal Plate
Brightness	5000~6000 nits	5000~6000 nits	5000~6500 nits	5500~7000 nits	5500~7500 nits	5500~7000 nits	5500~7000 nits
Colour Temperature	3500~9300 k	3500~9300 k	3500~9300 k	3500~9300 k	3500~9300 k	3500~9300 k	3500~9300 k
Contrast Ratio	≥ 4000 :1	≥ 4000 :1	≥ 4000 :1	≥ 3000 :1	≥ 3000 :1	≥ 3000 :1	≥3000 :1
Gray Scale	≥ 14 bit	≥ 14 bit	≥ 14 bit	≥ 14 bit	≥ 14 bit	≥ 14 bit	≥ 14 bit
Refresh Rate	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz
Viewing Angle	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°	H 140° / V 140°
Driving Method	1/10 S	1/8 S	1/8 S	1/4 S	1/2 S	1/2 S	Static
Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access
Ingress Protection	IP65	IP65	IP65	IP65	IP65	IP65	IP65
LED Lifespan	100,000 h	100,000 h	100,000 h	100,000 h	100,000 h	100,000 h	100,000 h
Working Temperature	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	-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	-40°C~80°C	-40°C~80°C	-40°C~80°C	-40°C~80°C
Working Humidity (RH)	0~90%	0~90%	0~90%	0~90%	0~90%	0~90%	0~90%
Power Supply	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V
Max. power Consumption	750 W/m ²	600 W/m ²	600 W/m ²	650 W/m ²	650 W/m ²	650 W/m ²	650 W/m ²
Avg. power Consumption	250 W/m ²	200 W/m ²	200 W/m ²	220 W/m ²	220 W/m ²	220 W/m ²	220 W/m ²
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)						

S0(DIP) - SPECIFICATION

Item	YH-D12	YH-D12.5	YH-D16	YH-D20	YH-D25
Pixel Pitch	12 mm	12.5 mm	16 mm	20 mm	25 mm
LED Type	DIP	DIP	DIP	DIP	DIP
Pixel Density	6944 px/m ²	6400 px/m ²	3906 /m ²	2500 px/m ²	1600 /m ²
Module Dimension (W×H)	192×192 mm	200×200 mm	256×128 mm _(Front256×256mm)	320×160 mm	400×200 mm
Module Resolution (W×H)	16×16 px	16×16 px	16×8 px _(Front16×16mm)	16×8 px	16×8 px
Cabinet Dimension (W×H×D)	768×768×170 mm	800×800×170 mm	1024×1024×170 mm	1280×640×170 mm	800×800×170 mm
Cabinet Resolution (W×H)	64×64 px	64×64 px	64×64 px	64×32 px	32×32 px
Screen Weight	60 kg	60 kg	60 kg	60 kg	60 kg/m ²
Cabinet Material	Metal Plate	Metal Plate	Metal Plate	Metal Plate	Metal Plate
Brightness	7500 nits	7500 nits	7500~8000 nits	6500~8000 nits	7000 nits
Colour Temperature	3500~9300 k	3500~9300 k	3500~9300 k	3500~9300 k	3500~9300 k
Contrast Ratio	≥ 2000 :1	≥ 2000 :1	≥ 2000 :1	≥ 2000 :1	≥2000 :1
Gray Scale	≥ 14 bit	≥ 14 bit	≥ 14 bit	≥ 14 bit	≥ 14 bit
Refresh Rate	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz	≥1920 Hz
Viewing Angle	H 140° / V 60°	H 140° / V 60°	H 140° / V 60°	H 140° / V 60°	H 140° / V 60°
Driving Method	1/2 S	1/2 S	Static	Static	Static
Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access	Front/ Rear Access
Ingress Protection	IP65	IP65	IP65	IP65	IP65
LED Lifespan	100,000 h	100,000 h	100,000 h	100,000 h	100,000 h
Working Temperature	-20°C~50°C	-20°C~50°C	-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	-40°C~80°C	-40°C~80°C
Working Humidity (RH)	0~90%	0~90%	0~90%	0~90%	0~90%
Power Supply	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V
Max. power Consumption	400 W/m ²	400 W/m ²	400 W/m ²	400 W/m ²	400 W/m ²
Avg. power Consumption	150 W/m ²	150 W/m ²	150 W/m ²	150 W/m ²	150 W/m ²
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)				



- Melbourne, Australia

S (SMD/DIP)

Standard outdoor LED display

Flexible in shape, size and a variety of cabinet dimensions, Yaham standard outdoor panel is a good option when the LED installation or environment requires customization.

Features



Flexible in shape



High contrast



Front/rear access



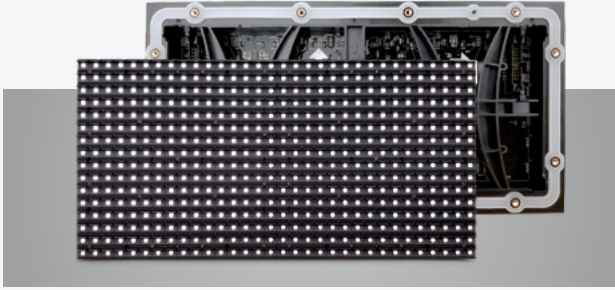
Solidly-built architecture



Reliable performance

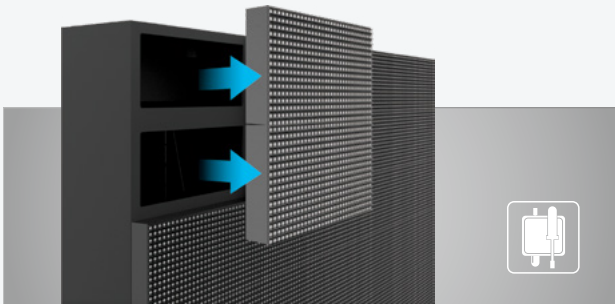


24/7 smart monitoring service



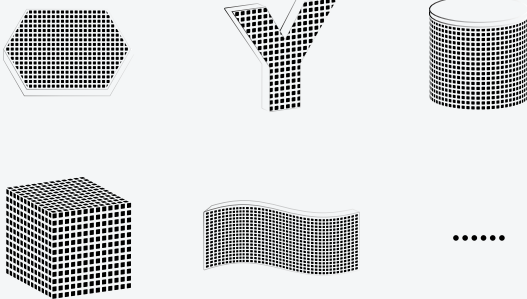
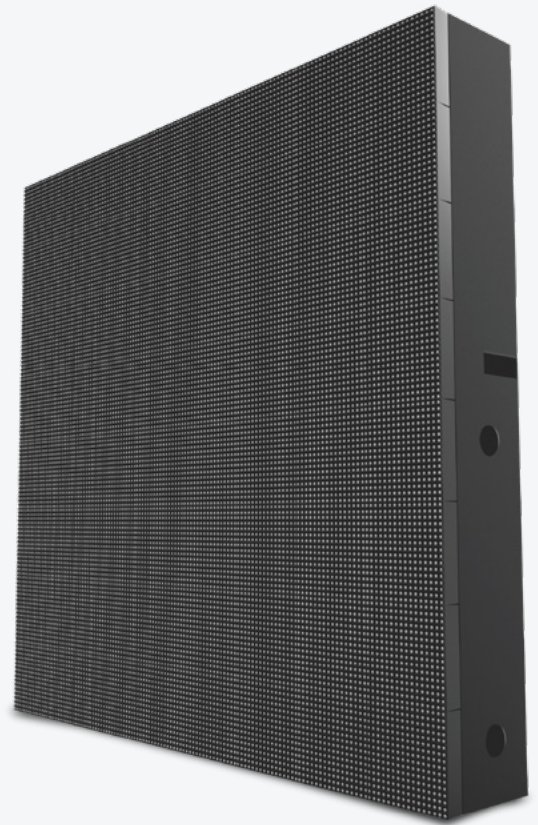
● High contrast

The unique triple louvre design assists in delivering a perfect image with superb contrast.



● Front & rear access

The smart module design allows for both front and rear access, so suitable for all installation sites.



● Flexible in design

The Yaham standard outdoor LED series offers flexibility of design and shape to deliver a truly bespoke and inspirational installation.



● 24/7 smart monitoring service

The status of the standard panel can be fully monitored 24/7 and will trigger alarm if any faults. (optional)



STANDARD OUTDOOR LED DISPLAY



- EMC standards and certification achieved through exacting build qualities, research, development, investment and engineering experience.



● Solidly-built architecture

The solid structural qualities of the Yaham standard outdoor cabinets ensure efficient screen performance in the harshest of environments and severe weather conditions.

TRANSFORM YOUR IDEA INTO REALITY



www.yaham.com



YAHAM

Yaham Optoelectronics Co., Ltd.

Tel: +86-755-2950-3560

Fax: +86-755-2675-5760

Web: www.yaham.com

Email: sales@yaham.com

Address: 118 Yongfu Road, Fuyong,
Baoan District, Shenzhen, 518103, China

