

ECOP16-A

The ECOP16-A is a modular designed outdoor LED display that provides powerful imagery in combination with excellent balance between brightness, color and contrast, low cost of ownership, 24/7 reliability, low maintenance requirements, less power consumption, lighter features. With more advantages than other products, the ECOP16-A is a perfect fit for outdoor digital signage and sports applications.



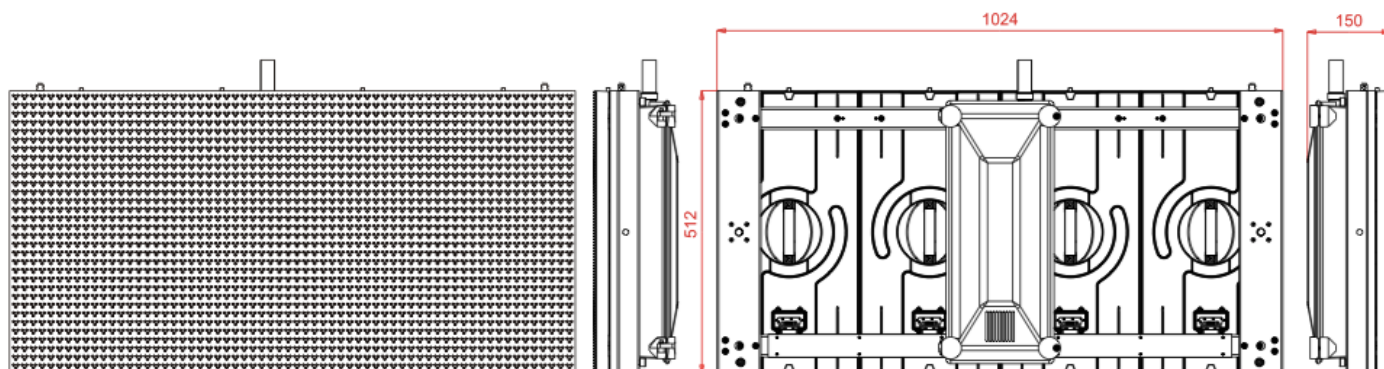
Features:

Efficient Saving	ECOP16-A can offer you an excellent energy saving solution (66% more energy saving than regular) as well as contribute to Green world with less carbon footprints. The low maintenance requirements and proven track record result in an exceptionally low cost of ownership.
Great Reliability	With high accuracy and endurance die-cast aluminum modular design, ECOP16-A has qualified for IP68 (front) and IP65 (rear). Do to the strong solid structure and the magnificent design of the product; maintenance for ECOP 16-A is almost zero.
Powerful Imagery	With truly 16bit color process and the excellent balance between brightness and contrast, ECOP16-A provides the exact color reproduction at all times.
Simple Installation	Considering the needs simplifying on-site steel structure and installation process, ECOP16-A offers the lowest cost and simplest installation solution to build your sign.

Comparison between ECOP16-A and Normal 16 (100% luminance for 1 sqm)

Item	Electricity Bill	Installation	Maintenance	Resolution
Normal P16	6597 KW*H/year	Including air conditioner on the back	Twice a year	3906 Pixel/sqm
ECOP16-A	2185KW*H/year	Simple steel structure, easy to install	No need	15624 Pixel/sqm
Saving	\$500/year		\$1000/year	4 Times bigger

Cabinet Introduction:



Single column back view:



Specifications:

Item	ECOP16-A
Pixel Pitch	16mm
Density	3906pixel/sqm
Visual Density	15624pixel/sqm
Brightness	7000nit
View Angle	160°/140°
Grey Scale	16bit
Color Temperature	6500K
Refresh Rate	>2000Hz
Contrast Ratio	4000:1
Frame Rate	60Hz
MTBF	20000h
Life Time	100000h
Max. Consumption	270W/sqm
Ave. Consumption	90W/sqm
Driving Method	Static Constant Current
Work Voltage	AC90—240V
Temperature Range	-20℃-50℃
Humidity	10% - 90%
Cabinet Size	1024×512×100mm
Cabinet Area	0.524sqm
Cabinet Weight	18kg/cabinet
Cabinet Resolution	64×32pixel
Cabinet material	Aluminum
IP Rate	Front IP68/ Rear IP65