Outdoor LED Display True Color Series
TV-OM500

RGM DIGITAL

The installation method is based on the product condition. Installation methods will be named with suffix -J/-B/-Y. The corresponding cabinet specifications are simple cabinet/standard cabinet/pressure casting cabinet.
Remarks: The product color and encapsulation mode shall be subject to the remarks behind the model number.

Applications

* Outdoor advertising/outdoor stadium/outdoor stage/outdoor display area.

Functions

* Playing advertising and video.
* Shaping the scene for art performance.
* Becoming city landmark.
* Government culture propaganda.

Features

* Seamless splice: Completely seamless splicing without any visual black seam.
* Screen calibration: Gamma correction technology to realize brightness and color correction point by point.
* Intelligent light control: Intelligent adjusting brightness to improve image comfort level and save more power.
* Oversized view: Super wide view, larger display visual scope, the picture remains clear at any angle.
* Heat dissipation: Unique heat dissipation technology, more secure in using with longer lifetime.
* Remote control: Remote control screen with more convenient operation.
* Extensive use: It is capable to play video, picture and text.
* IP65: Good protective property to avoid any environmental influence to the service life from the dust, rain etc.

Specifications

Model	TV-OM500
LED Package Method	SMD2727
Physical points distance(mm)	5
Physical density	40000 point/m2
Luminous point color groups	1R1G1B
Unit board resolution	64X32
Unit board size(mm)	320X160
Cabinet resolution	192X192
Cabinet size (mm)	960X960
Cabinet pixel number	36864 point/cabinet
Working voltage (DC)	DC +4.2V～+5V
Optimum viewing distance (m)	15
Horizontal view angle	140°
Vertical view angle	140°
Maintenance mode	Aftersales service
Average power consumption	＜320W/m2
Maximum power consumption	＜800W/m2
Display card	DVI/HDMI/DP
Control method	Synchronous control
Driving components	Constant current
Driving method	1/8 scanning
Repetition frequency	≥60HZ
Refresh rate	≥960HZ
Gray level/color	281 Trillion
White balance brightness(CD/m2)	≥6500
Contrast	3000 : 1
Attenuation rate (working for three years)	≤15%
Environment temperature	Storage -35°～+85°Working -20°～+50°
Environment humidity	10% to 80% no condensation
Working voltage (AC)	220V±10%/50HZ or 110V±10%/60HZ
Brightness adjustment method	Software 0－255 continuously adjust
Average fault-free time	≥5000H
Lifetime	≤ 100000H
Speckles rate	≤1/10000 no continuous out-of-control point