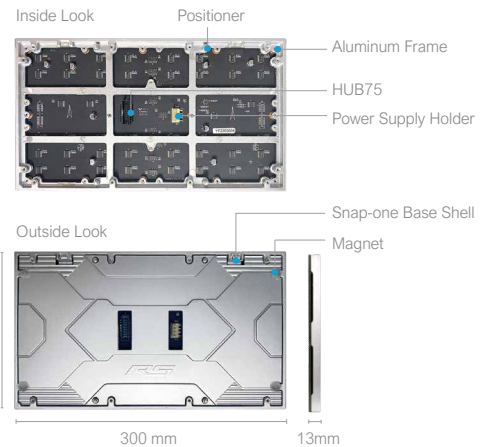




LED Aluminum Bottom Case Display

- HD
- High Contrast
- High Grayscale
- High Brightness
- Easy To Maintain
- Quick Installation
- Thin And light
- Low Power Consumption



Module Size: 300*168.75*13mm
Weight: 0.5kg

Advantages

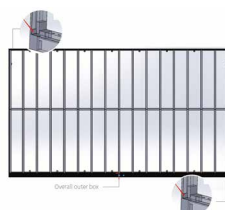
Only 13mm is in LED aluminum base module thickness, ensuring the perfect connection of splicing, making the screen flatter and easier to install and splice than the conventional modules.

The base shell of the module is made of aluminum material, being solid and not easily deformed, with good thermal conductivity allowing the module easier to dissipate heat, being more stable under high and low temperature changes.

In order to make the display better installed and connected, independent design of open moulded bent angle connectors connects the structural profile and the outer frame, ensuring the installation quality and shape accuracy.

Installation And Maintenance

The aluminium base module not only serves mounted with magnet-on but also with back-locked screws, which allows the PCB to fit perfectly on the aluminium base, making it easier to dissipate heat and more stable at high and low temperatures. The back cover of the aluminium base module is snap-fitted, making it easier to install and remove for maintenance.



Cabinet Frame Structure



How To Install And Maintain

Technical parameter(T=25°C)

Basic Parameter

Pixel Pitch	1.5625mm	1.875mm	2.34mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B
Pixel Density	409600/m ²	284444/m ²	182044/m ²
Module Resolution	192 (W) *108 (H) dots	160 (W) *90 (H) dots	128 (W) *72 (H) dots
Module Size (WXH)	300mm*168.75mm	300mm*168.75mm	300mm*168.75mm

Optical Parameter

Single point brightness	support	support	support
Chroma Correction	support	support	support
White balance brightness	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²
Color temperature	2000K—12500K	2000K—12500K	2000K—12500K
Horizontal viewing angle	≥160°	≥160°	≥160°
Vertical viewing angle	≥140°	≥140°	≥140°
Optimal Viewing Distance	≥1 m	≥1 m	≥2 m
Brightness uniformity	≥97%	≥97%	≥97%
Contrast	≥5000:1	≥5000:1	≥5000:1

Process Performance

Signal processing bits	16bits*3	16bits*3	16bits*3
Grayscale	12-14Bit	12-14Bit	12-14Bit
Control distance	Cable: 100 m,Optical Fiber:10km	Cable: 100 m,Optical Fiber:10km	Cable: 100 m,Optical Fiber:10km
Drive mode	constant current source driver	constant current source driver	constant current source driver
Frame rate	≥60HZ	≥60HZ	≥60HZ
Refresh rate	≥3840HZ	≥3840HZ	≥3840HZ
Control method	Synchronize	Synchronize	Synchronize
Brightness adjustment range	Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range

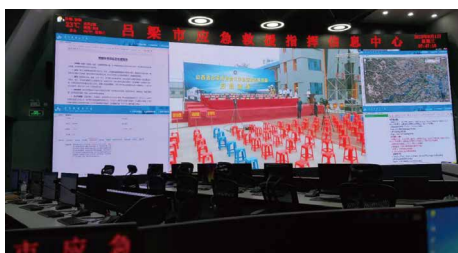
Usage Parameter

Continuous working time	≥72H	≥72H	≥72H
Life Span	100,000 H	100,000 H	100,000 H
Protection class	IP20	IP20	IP20
range of working temperature	-20 °C to 50 °C	-20 °C to 50 °C	-20 °C to 50 °C
Operating humidity range	10 %- 80% RH	10 %- 80% RH	10 %- 80% RH
Storage temperature range	-20 °C TO 60 °C	-20 °C TO 60 °C	-20 °C TO 60 °C

Electrical Parameter

Operating Voltage	DC 4.5-5V	DC 4.5-5V	DC 4.5-5V
Power Requirements	AC:220×(1±10%)V、50×(1±5%) Hz	AC:220×(1±10%)V、50×(1±5%) Hz	AC:220×(1±10%)V、50×(1±5%) Hz
Maximum power consumption	680W/m ²	680W/m ²	680W/m ²
Average power consumption	270W/m ²	270W/m ²	270W/m ²

Seamless Splicing



Tel (INT): 86-0755 8219 7586

Add.: 1001, Building 1, Guole Technology Park, No. 1
Lirong Road, Longhua District, Shenzhen, Guangdong, China

Website (INT): www.crtop-led.com

SHENZHEN CRTOP CO., LTD.