### **CRTOP** SHENZHEN CRTOP CO., LTD.

# **Ultra HD Fine Pitch LED Display**

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Designed for small pixels solution application, it can deliver crystal clear images and vibrant colors, capturing audience's attention and creating unforgettable visual experience.



#### **High Reliability**

• The interior adopts integrated design, No wiring, high reliability to ensure stable operation, and a clean internal structure.





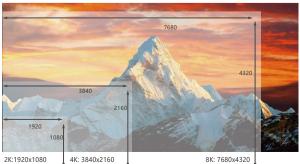
Ultra-thin series

Conventional series

INTEGRATED POWER SUPPLY

#### 16:9 Perfect Sizing

• With standardized aspect ratio ideal for eyes , the 16:9 can perfectly match mainstream video and content sources without distortion.



2K:1920x1080

8K: 7680x4320

#### **Magnetic Module**

• Magnetic secured modules are connected in a cable-free manner, which significantly improves the stability as well as maintenance efficiency.



#### **High definition LED display**

- Uses high brightness matte black LEDs, guaranteeing low attenuation, high reliability, good consistency and superior weather resistance.
- With a high contrast ratio 5000:1, provides exceptionally vivid images.





High Contrast

Low Contrast

#### **Seamless Splicing**

• Locating pins and die-cast aluminum structure ensure excellent alignment and jointing of between cabinets.



Superior Heat Dissipation Performance

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Silent Running

#### **Compact & Lightweight**

• Because of die-cast aluminum structure with high precision, The cabinet weighs only 5.8KG, ensuring a quick, easy installation.



Conventional series



Ultra-thin series

#### Technical parameter: (T=25°C)

Pixel Pitch	0.9375mm	1.25mm	1.44mm	1.5625mm	1.875mm	2.34mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Pixel Density	1137777/m <sup>2</sup>	640000/m <sup>2</sup>	480716/m <sup>2</sup>	409600/m <sup>2</sup>	284444/m <sup>2</sup>	182044/m <sup>2</sup>
Module Resolution	320X180 dots	240X135 dots	208X117 dots	192X108 dots	160X90 dots	128X72 dots
Module Size (WXH)	300X168.75mm	300X168.75mm	300X168.75mm	300X168.75mm	300X168.75mm	320X168.75mm
White Balance Brightness	600cd/m²	600cd/m²	600cd/m <sup>2</sup>	600cd/m²	600cd/m <sup>2</sup>	600cd/m <sup>2</sup>
Color Temperature	2000K-12500K	2000K-12500K	2000K-12500K	2000K—12500K	2000K-12500K	2000K-12500K
Horizontal Viewing Angle	≥160°	≥160°	≥160°	≥160°	≥160°	≥160°
Vertical Viewing Angle	≥140°	≥140°	≥140°	≥140°	≥140°	≥140°
Optimal Viewing Distance	≥1 m	≥1 m	≥1 m	≥1 m	≥1 m	≥2 m
Contrast	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1
Grayscale	12-14Bit	12-14Bit	12-14Bit	12-14Bit	12-14Bit	12-14Bit
Refresh rate	≥3840HZ	≥3840HZ	≥3840HZ	≥3840HZ	≥3840HZ	≥3840HZ
Continuous Working Time	≥72H	≥72H	≥72H	≥72H	≥72H	≥72H
Life Span	100,000 H	100,000 H	100,000 H	100,000 H	100,000 H	100,000 H
Operating Voltage	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V
Maximum Power Consumption	700W/m²	700W/m²	700W/m²	700W/m²	700W/m²	700W/m²
Average Power Consumption	260W/m²	260W/m²	260W/m²	260W/m²	260W/m²	260W/m²

#### **Seamless Splicing**





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