



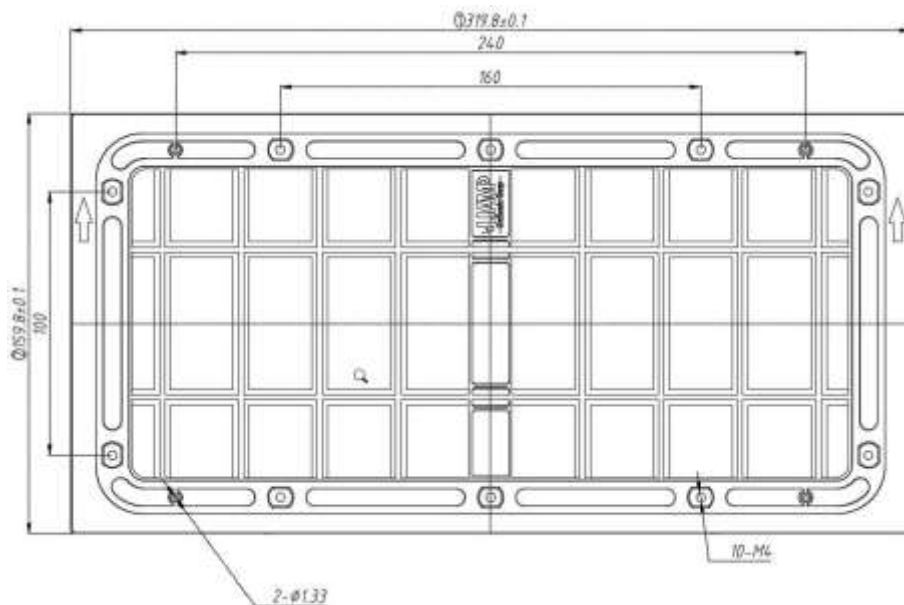
# Product Specification

## P10 Outdoor

**Product Picture of Outdoor P10**



**Whole Position of Outdoor P10**



## Parameter of Outdoor P10

<b>LED Type</b>	SMD2727
<b>Pixel Pitch</b>	10mm
<b>Module Resolution</b>	W32*H16 dots
<b>Interface</b>	HUB75
<b>Module Size</b>	W320*H160mm
<b>Module weight</b>	435±5g
<b>Pixel Density</b>	10,000 dots/m <sup>2</sup>
<b>Pixel configuration</b>	1R1G1B
<b>Module QTY/m<sup>2</sup></b>	19.53 pcs/ m <sup>2</sup>
<b>Min. Viewing Distance</b>	≥10m
<b>Brightness</b>	≥6000 cd/m <sup>2</sup>
<b>Viewing angle</b>	H≥140° V≥120°
<b>Driving Mode</b>	1/2 scan constant current
<b>Input Voltage</b>	5VDC
<b>Max. Power Consumption</b>	49.5 W / Piece
<b>Avg. Power Consumption</b>	25 W / Piece
<b>Max. Current</b>	9.9 A
<b>Single Processing Depth</b>	16384
<b>Video frame rate</b>	60 frames/s
<b>Refresh rate</b>	≥1920Hz
<b>Defective Dots rate</b>	<0.0001 (LED industry standard: ≤ 0.0003)
<b>Decay Rate (Operate 3 Years)</b>	≤15%
<b>Brightness Conformity</b>	≥97%
<b>Colors</b>	281 trillion
<b>MTBF</b>	≥10000 hours
<b>Lifespan</b>	≥100000 hours
<b>Protective function</b>	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.
<b>Operating Temperature</b>	-20°C~+60°C
<b>Operating Humidity</b>	10-80% no condensation
<b>Storage Temperature</b>	-20°C~+60°C
<b>Storage Humidity</b>	10-80% no condensation

<b>Control System Parameter</b>	
<b>Color Temperature</b>	Adjustable by software
<b>Brightness level</b>	256 levels, automatic or manual adjustment
<b>Control way</b>	Computer, real time, off-line, wireless, and internet etc.
<b>Communication Distance</b>	CaT5 UTP 100 meters, max. 130 meters; or optical fiber