

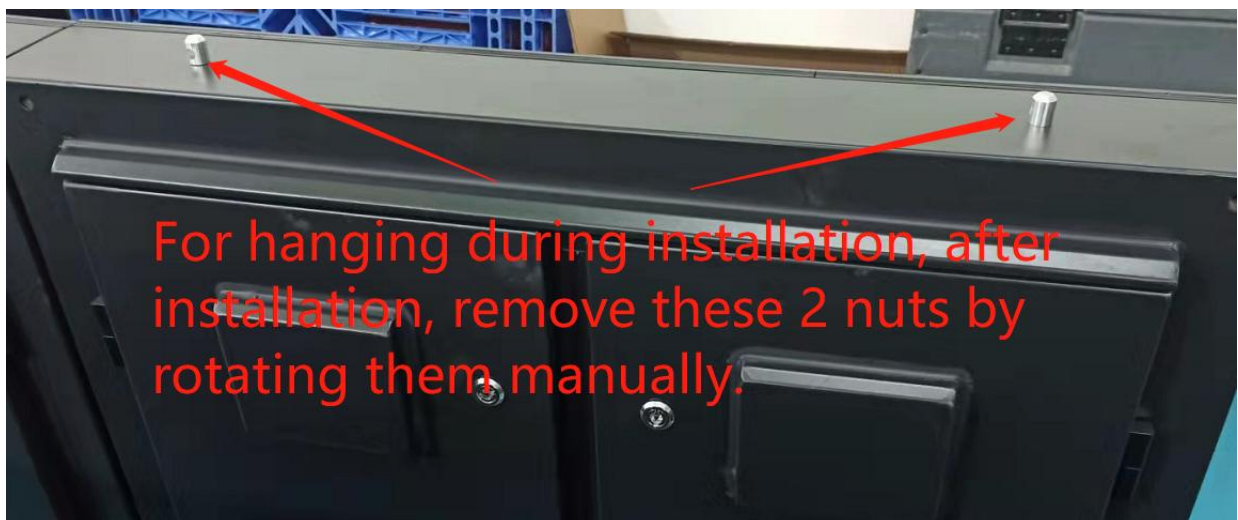
# Outdoor P10 VMS Specification

Spec No.: P10-3535-01

Description: P10 Outdoor Full Color with Aluminum Cabinet

Module Structure: LED Light/Driver 2-in-1

Control Card: C-POWER 50A

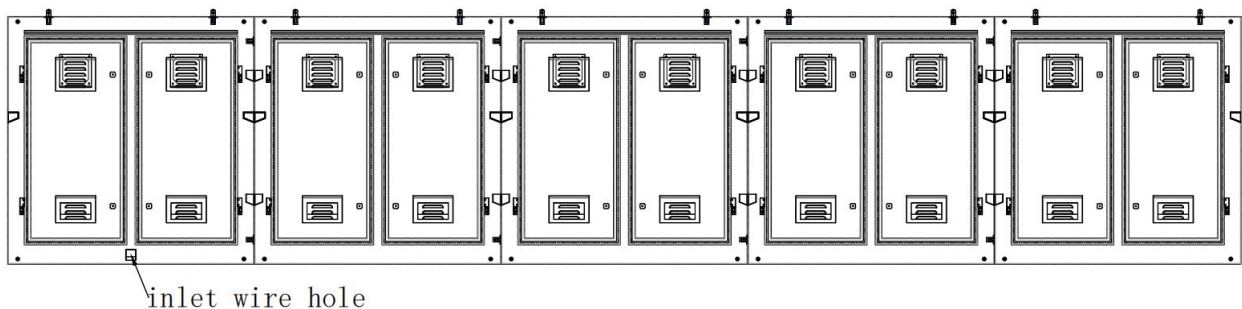


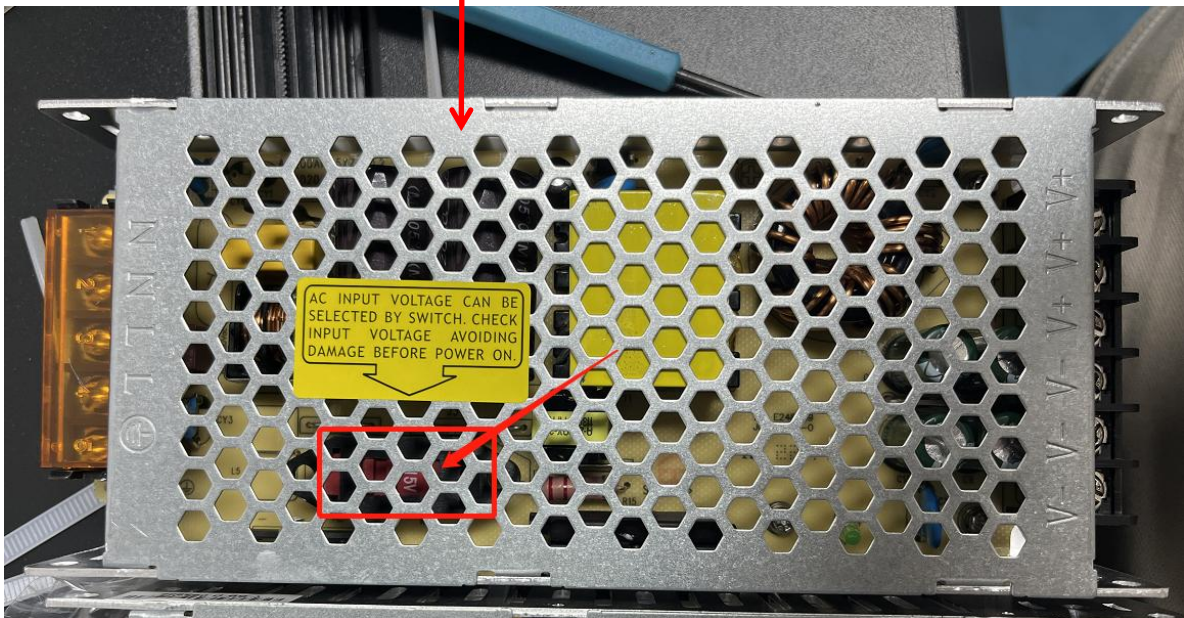
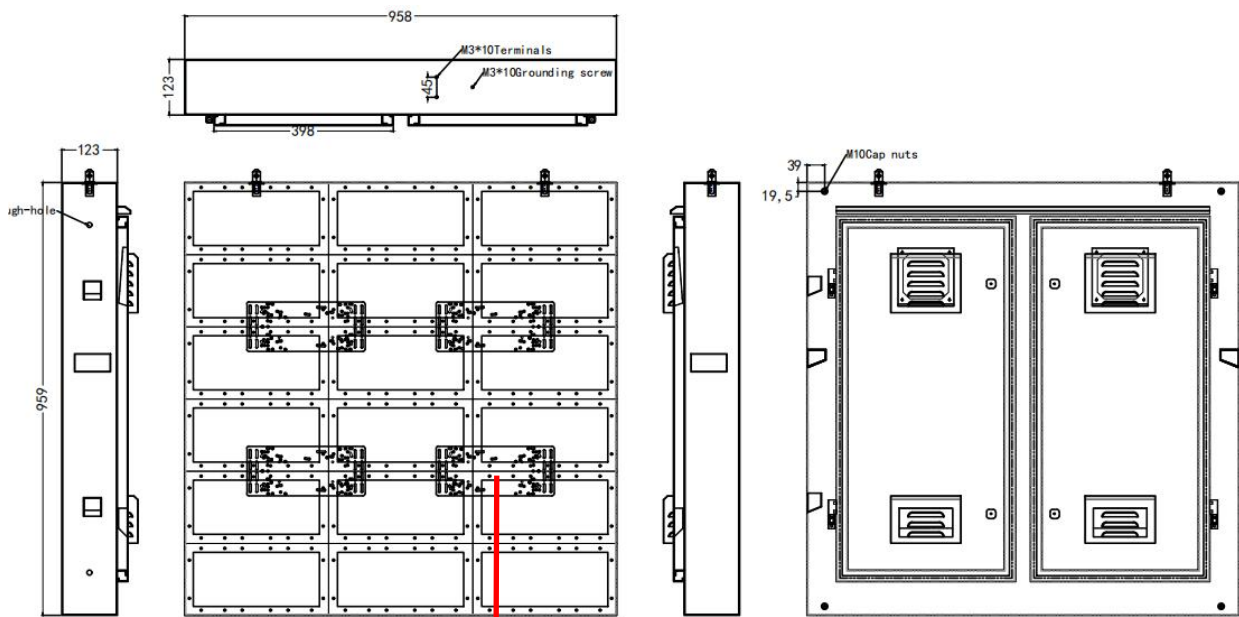
## Technical Parameter:

LED	Brightness	ANGLE	Wavelength	Testing Conditions
RED	900cd	110	623±5nm	25℃,16mA
GREEN	2100cd	110	521±5nm	25℃,8mA
BLUE	700cd	110	470±5nm	25℃,8mA
<b>Pixel Unit Box</b>	<b>Pixel Pitch: 10mm (320mm*160mm)</b> <b>Density: 10000 dots/m<sup>2</sup></b> <b>Luminous Color: 1R1G1B</b> <b>Drive Mode: Constant Current</b>			
<b>Display Screen</b>	<b>Best Visual Distance: 10m~150m</b> <b>Angle Max.: 110°</b> <b>Ambient Temp.: -20℃ ~ 40℃</b> <b>Working Temp.: : -20℃ ~ +65℃</b> <b>Humidity: 10%~95%RH</b>			
<b>Working Voltage</b>	<b>Input: 110V AC/220V AC, Output: 5V DC</b> <b>Average Power Consumption: about 260W/m<sup>2</sup></b> <b>Power Consumption Max.: ≤800W/m<sup>2</sup></b>			
<b>Control System</b>	<b>Operating System: WINDOWS98 WINDOWSNT WINDOWS2K WINDOWSXP</b> <b>Control Mode: Asynchronous Control</b> <b>Control Principle: ON-LINE with Gray Scale</b>			
<b>Technical Parameter</b>	<b>Screen Brightness: 4500-6000cd/m<sup>2</sup></b> <b>Horizontal View Angle: 110°</b> <b>Gray Level: ≥1024 level</b> <b>Image Transmission Rate: ≥72 Fps</b> <b>Screen Refresh Rate: ≥1200HZ</b> <b>Brightness Adjusting Mode: 256 levels, adjustable</b> <b>Gamma Correction: 10 levels, adjustable</b> <b>Video Input Mode: Video and S-video</b> <b>Control System Adoption: SUPER</b>			

	<b>Transmission Distance(Laptop to Screen): within 500 meters</b> <b>Average Error Free Time: &gt;10000 hours</b> <b>Screen Lifespan: over 100000 hours</b> <b>Continuous Working Hours: &gt;72 hours</b> <b>Flatness: Random adjacent pixel deviation: <math>\leq 0.5\text{mm}</math>; module joint interval: <math>&lt; 1\text{mm}</math></b> <b>Homogeneity: well-distributed in pixel light intensity and brightness</b> <b>Switching Power Supply: 5V/40A</b> <b>Computer Display Mode: 1920*1080</b> <b>Out-of-Control Dot: <math>&lt; 0.0001</math></b> <b>IP level: <math>\geq \text{IP65}</math> Rear-side: IP45</b>
<b>Control Mode</b>	<b>WINXP Laptop + Control Software + Play Software / Hardware</b>
<b>Protection</b>	<b>Moisture proof, dust-proof, anti-corrosion, anti-static, lightning-proof, and protection in over-current, short circuit, over-voltage, under-voltage, loss of phase, mis-phase, electricity leakage</b>
<b>Play Contents</b>	<b>Cable TV, Text, Picture Files(BMP / JPG / GIF / PCX . . . ), Video Files(MPG / MPEG / MPV / MPA / AVI / VCD / SWF / RM / RA / RMJ / ASF . . . )</b>
<b>Combine Structure</b>	<b>Modular unit design, screen module- display box- screen assemble and combination structure</b>

### Drawing Reference:





**POWER ADAPTOR INSIDE THE SCREEN, PLEASE SELECT THE CORRECT INPUT VOLTAGE(115V AC, or 230V AC) BEFORE POWER ON.**