Controller Specification

C-2.0

Version: V02 Date: 2017-07-31
Product Summary

Main controller C series is a full range of video solution designed for the needs of high-end display applications, with features of large loading area, supporting real-time transmission, dot-by-dot correction function, field upgrade, high grayscale & high refresh, various scanning modes, LED fault information transmitted and diagnosis and dot-by-dot monitoring function etc.

Product Feature

- Input resolutions up to 1920 * 1200.
- Output resolution up to 1280 * 1024.
- DVI video input, two Ethernet ports output.
- Control Support USB interface and control panel.
- Replace the screen without having to re-set the body.

Technical Specifications

<table>
<thead>
<tr>
<th>Control area</th>
<th>1280 * 1024</th>
<th>Distributor</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input resolution</td>
<td>640x480—1920x1200</td>
<td>Load Split</td>
<td>Horizontal, Vertical</td>
</tr>
<tr>
<td>Output resolution</td>
<td>1280 * 1024</td>
<td>Shaped Display</td>
<td>Support</td>
</tr>
<tr>
<td>Multi-machine in parallel</td>
<td>Support</td>
<td>Transmission distance</td>
<td>100m</td>
</tr>
<tr>
<td>Video Input</td>
<td>DVI</td>
<td>Control Interface</td>
<td>USB、Panel Button</td>
</tr>
<tr>
<td>DVI Loop</td>
<td>Support</td>
<td>Temperature</td>
<td>-10°C—60°C</td>
</tr>
<tr>
<td>Pixel by pixel correction</td>
<td>Luminance, Color</td>
<td>Power</td>
<td>100—240VAC 50/60HZ</td>
</tr>
<tr>
<td>Online upgrade</td>
<td>Support</td>
<td>Size (L × W × H)</td>
<td>480 × 300 × 44 (mm)</td>
</tr>
</tbody>
</table>
Chassis Interface Definition

- **Front View**

  1. LCD
  2. Working indicator light
  3. Power indicator light
  4. DVI indicator light
  5. Done indicator light
  6. Menu/Exit
  7. Next secondary menu
  8. Previous secondary menu
  9. Plus
  10. Minus
  11. Enter

- **Back View**

  1. Power interface
  2. USB interface
  3. Programming interface
  4. DVI image input
  5. DVI image output
  6. Signal output port 1
  7. Signal output port 2
Board Chassis Interface Definition

1. USB to Serial port
2. Write the program port
3. DVI input
4. DVI output
5. Signal output 1
6. Signal output 2