Specification

Independent Controller MCRTL 700

Rev1.0.3 NS110000609
Novastar MCTRL700 LED Screen Video LED Control Box. The specific features are as follows:
1) Support 1 channel of DVI video source input.
2) Support 1 HDMI video source input.
3) Support 1 channel of audio input.
4) Support 6-channel Gigabit Ethernet port output, each network port supports up to 650,000 pixels.
5) Support 1 channel DVI video source output for cascading or monitoring.
6) Support 1 HDMI video source output for cascading or monitoring.
7) Support 1 way port USB control interface.
8) Supports RS232 IN and RS232 OUT control interfaces for device cascading.
9) Support 2 channels of 100M network port, with square port USB interface, device cascading.
10) Maximum load resolution 2048×1152@60Hz or 1920×1200@60Hz.
## Appearance

![Appearance Image]

### Indicator

<table>
<thead>
<tr>
<th>RUN</th>
<th>Equipment operation indicator, status listed below:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Blink once every 2 sec: No input source</td>
</tr>
<tr>
<td></td>
<td>• Blink twice every 2 sec: Input source received</td>
</tr>
<tr>
<td></td>
<td>• Quick blink: Receiving card shows root screen</td>
</tr>
<tr>
<td></td>
<td>• Breathing blink: Port redundancy is active</td>
</tr>
</tbody>
</table>

### STATUS

<table>
<thead>
<tr>
<th>Equipment operation indicator, status listed below:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• On: Operation normally</td>
</tr>
<tr>
<td>• Breathing blink: Authorization expired</td>
</tr>
</tbody>
</table>

### Power Input

<table>
<thead>
<tr>
<th>AC 100~240V, 50/60Hz</th>
<th>AC power input port</th>
</tr>
</thead>
</table>

### Source Input

<table>
<thead>
<tr>
<th>AUDIO</th>
<th>Audio input port</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVI IN</td>
<td>DVI input port</td>
</tr>
<tr>
<td>HDMI IN</td>
<td>HDMI input port</td>
</tr>
</tbody>
</table>

### Output port

<table>
<thead>
<tr>
<th>DVI OUT</th>
<th>DVI output port</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI OUT</td>
<td>HDMI output port</td>
</tr>
<tr>
<td>1~6</td>
<td>6 Gigabit Ethernet output port</td>
</tr>
</tbody>
</table>

### Control interface

<table>
<thead>
<tr>
<th>USB (Type-B)</th>
<th>Connected to PC, USB control port</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS232 IN, OUT</td>
<td>Cascade IN &amp; OUT</td>
</tr>
<tr>
<td>100Mbps Ethernet IN, OUT</td>
<td>Cascade IN &amp; OUT</td>
</tr>
</tbody>
</table>

www.novastar-led.cn
19 inches 1U standard rack

Dimensions

Unit: mm
## Specification

### Input

<table>
<thead>
<tr>
<th>Port</th>
<th>Quantity</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVI IN</td>
<td>1</td>
<td>VESA Standard</td>
</tr>
<tr>
<td>HDMI</td>
<td>1</td>
<td>EIA/CEA-861 standard, HDMI-1.3 compliant, HDCP support</td>
</tr>
</tbody>
</table>

### Equipment

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>16W</td>
</tr>
<tr>
<td>Operation Temperature</td>
<td>-20℃~60℃</td>
</tr>
<tr>
<td>Operation Humidity</td>
<td>0%RH~95%RH</td>
</tr>
<tr>
<td>Net Weight</td>
<td>2.9 Kg</td>
</tr>
<tr>
<td>USB Cable</td>
<td>1.5 M</td>
</tr>
<tr>
<td>DVI Cable</td>
<td>1.5 M</td>
</tr>
</tbody>
</table>