Product Description

Display Resolution 1920 x 1080 @ 60Hz
Maximum Supported Resolution 1920 x 1080 @ 60Hz
Power Consumption (Typical) 75W
Power Consumption (Max Brightness) 90W
Power Consumption (Overall Max)* 115W
BTU's (Typical) 255.91 BTU/hr
BTU’s (Max Brightness) 307.09 BTU/hr
BTU’s (Overall Max)* 392.40 BTU/hr
Net Dimensions 1238.4 x 709.2 x 45.0mm
Net Weight 41.4lbs. / 18.8kg

*Overall Max refers to when the unit is at max brightness the internal speaker is at max volume

NOTES:

• This document is intended to be used as a reference guide to supply useful information for a design or installation. It is not intended to be a step-by-step procedure for installation.
• Any ceilings or walls must be strong enough to support the monitor and the installation must be in accordance with any local building codes. All mounts should make secure contact to wood studs.
• 4:3 sources can be displayed on the 16:9 screen in either normal aspect ratio with bars on the left or right, or stretched horizontally to fill the screen using the menus (see “Aspect Modes” in menus and user manual).
• Distances are in inches, for millimeters multiply by 25.4.

Tilt Angle and Rotation

Monitor may be angled and rotated from normal landscape and portrait orientation to both face up and face down positioning. Rotate only clockwise for portrait orientation. For Face Up or Face Down orientation, operating temperature must be <35C.
Ventilation Recommendations:
Dimensions below are recommended for proper ventilation when the unit is in a recessed area.

Operating Temperature:
Landscape: 0 - 40°C, 32 - 104°F
Portrait: 0 - 40°C, 32 - 104°F
Face Up/Down: 0 - 35°C, 32 - 95°F

NOTE:
The ventilation space should not be covered or closed off at the front of the opening. If for some reason the opening needs to be covered, other means of ventilation will need to be incorporated into the design. Contact NEC for design review and recommendations.
Display dimensions:
Display dimensions (cont.):

300mm x 300mm VESA HOLE PATTERN
FOR MOUNT UNIT (M6 x 10–12mm)

CONTROL BUTTONS

Unit  No gap  Mounting Bracket
Washers  Screw

Thickness of bracket and washers

No thread 4 mm

under \( \varphi \) 8.5 mm

10-12 mm
Display Dimensions (with ST-401 stand):

NOTE:
The ST-401 optional stand attaches to the VESA hole pattern on the back of the display. It can be set at two different height levels for the C551.
Optional Table Top Stand Dimensions (ST-401):

NOTE:
The Pole of the ST-401 stand connects directly to the VESA hole pattern on the back of the display.
Dimensions of Optional Wall Mount Kit (WMK-4655S):

- Max Vertical VESA Hole Pattern = 400mm
- Extension Brackets for vertical VESA patterns over 200mm
- 16.08
- 16.02
- 25.28
- Max Horizontal VESA Hole Pattern = 600mm
- 2.82
- 2.99
- 1.17
- Fully Open
- Max Tilt
Control Codes:

<table>
<thead>
<tr>
<th>Function (Monitor ID = 1)</th>
<th>Code Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power ON</td>
<td>01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 31 03 73 0d</td>
</tr>
<tr>
<td>Power OFF</td>
<td>01 30 41 30 41 30 43 02 43 32 30 33 44 36 30 30 34 37 0d</td>
</tr>
<tr>
<td>Input Source Select DisplayPort</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 46 03 04 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 30 46 03 04 0d</td>
</tr>
<tr>
<td>Input Source Select HDMI1</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 31 31 03 72 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 31 31 03 72 0d</td>
</tr>
<tr>
<td>Input Source Select HDMI2</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 31 31 03 71 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 31 31 03 71 0d</td>
</tr>
<tr>
<td>Input Source Select HDMI3</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 31 31 03 70 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 31 31 03 70 0d</td>
</tr>
<tr>
<td>Input Source Select VGA (RGB)</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 31 03 73 0d</td>
</tr>
<tr>
<td>Input Source Select VGA (YPbPr)</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 43 03 01 0d</td>
</tr>
<tr>
<td>Input Source Select VIDEO</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 35 03 77 0d</td>
</tr>
<tr>
<td>Input Source Select MP</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 38 37 03 7D 0d or 01 30 41 30 45 30 41 02 31 31 30 36 30 30 38 37 03 7D 0d</td>
</tr>
<tr>
<td>Sound Mute ON</td>
<td>01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 31 03 09 0d</td>
</tr>
<tr>
<td>Sound Mute OFF</td>
<td>01 30 41 30 45 30 41 02 30 30 38 44 30 30 30 32 03 0a 0d</td>
</tr>
</tbody>
</table>

**NOTE:** Contact your NEC rep for codes not listed.

Cable Connection:

**Communication Protocol:**

- **Interface:** RS-232C
- **Communication System:** Asynchronous
- **Baud Rate:** 9600 bps
- **Data Length:** 8 bits
- **Parity:** None
- **Stop Bit:** 1 bit
- **Communication Code:** ASCII

**Interface:** Ethernet (CSMA/CD
- **Communication System:** TCP/IP (Internet Protocol Suite)
- **Communication Layer:** Transport layer (TCP)
- **IP Address:** 192.168.0.10 (default out of box)
- **Port Number:** 7142 (Fixed)

**NOTE:** If so desired, jumper “Request to send” and “Clear to Send” together on both ends of the cable to simplify cable connection. These connections are not required. The only connections required are pins 2 (TxD), 3 (RxD) and 5 (GND).
Input Panel (Bottom)

Input Panel (Side - Rotated)

Browser Control

Information and control can also be available through the HTTP browser control menu. In order to accomplish this, type: \texttt{http://the Monitor’s IP address}/pd_index.html

Note that the LAN Power needs to be turned on in order for the display to be controlled while the units are off. All displays are set to the IP address \texttt{192.168.0.10} as default. Note that Media Player has separate IP Address menu that can be accessed from the Monitor’s menu or directly using separate IP Address. IP Address for Media Player is set to \texttt{192.168.0.110} for default configuration. Communicating network PC needs to be on the same subnet as display that is being communicated with.

![Network Configuration Menu](image-url)