Product Description

Type: LCD Display
Resolution: 1920 x 1080
Aspect Ratio: 16:9
FCC: Class B
Power Consumption: 155W (typ)
BTU's: 528.88 BTU/hour

Screen Surface: Anti-Reflective
Dimensions without stand: 49.2"(W) x 28.4"(H) x 2.5"(D)
Dimensions with stand: 49.2"(W) x 29.9"(H) x 15.7"(D)
Weight without stand: 55.8 lbs / 25.3 kg
Weight with stand: 60.6 lbs / 27.5 kg
Current Rating: 3.6A-100-120V, 1.5A-220-240V

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. When orientated in face up or face down position, operating temperature for the unit changes. Rotate only clockwise for portrait orientation.

- Operating Temperatures:
  - Landscape: 5-40° Celsius; 41-104° Fahrenheit
  - Portrait: 5-40° Celsius; 41-104° Fahrenheit

  Face Up: 5-35° Celsius; 41-95° Fahrenheit
  Face Down: 5-35° Celsius; 41-95° Fahrenheit
Ventilation Recommendations:

Dimensions below are minimum recommended for proper ventilation when the unit is in a recessed area.

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 12mm Depth)
Display Dimensions (with ST-5220 stand):

- Height: 29.94 inches
- Width: 13.27 inches and 22.68 inches
- Depth: 6.52 inches and 6.69 inches
- Overall diagonal: 15.75 inches
Optional Table Top Stand Dimensions (ST-5220):
Dimensions of Optional Wall Mount Kit (WMK-4655S):

- Max Vertical VESA Hole Pattern = 1000mm
- Max Horizontal VESA Hole Pattern = 600mm
- Extension brackets for vertical VESA patterns over 200mm

Fully Open

Max Tilt
**Input Panels:**

**Bottom:**

![Image of Input Panels]

---

**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 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 30 34 34 76 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</td>
</tr>
<tr>
<td>Input Source Select DVI</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 33 03 71 0d</td>
</tr>
<tr>
<td>Input Source Select VGA</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 HDMI</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 31 03 72 0d</td>
</tr>
<tr>
<td>Input Source Select Y/Pb/Pr</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 S-VIDEO</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 37 03 75 0d</td>
</tr>
<tr>
<td>Input Source Select OPTION</td>
<td>01 30 41 30 45 30 41 02 30 30 36 30 30 30 30 44 03 06 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.

**NOTE:** Use a cross/reverse/null modem cable.

---

**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).
Browser Control

Information and control can also be available through the HTTP browser control menu. In order to accomplish this, type: `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 192.168.0.10 out of the box.

Communicating network PC needs to be on the same subnet as display that is being communicated with.

NOTE:
Menus on the left side of the above screenshot can be altered to control the display.