Zero Client TERA2
(V series)
Cost effective, ultra-secure desktop virtualization

Features

ULTRA SECURE
- PCoIP zero clients significantly reduces the risk of virus, spyware, and hacking because all data, storage, and memory are stored at the central data center. Data never leaves the data center it only transmits pixels, making our zero clients suitable for security critical organizations such as financial firms
- Unique USB authorization provides enhanced security

ZERO CLIENT FLEXIBILITY
- Revolutionary T eradici PCoIP technology for high performance virtual computing
- Fully compatible with VMware View™ Virtual Desktop Environments
- Virtual computing via LAN/WAN - utilizes existing enterprise servers, workstations, and blade PCs
- Allow any user to quickly utilize the latest OS and software installed on the host

ECO-FRIENDLY COMPUTING
- Reduce computing system building, maintenance, and energy costs
- Low operational cost, high security, and desktop scalability - the ideal solution for IT organizations in healthcare, education, government, and other enterprise market sectors

LED BACKLIGHT
- LED backlight technology takes Full HD (23CAV42K-BL) to new heights with exceptional contrast ratios and brightness levels yet is very energy efficient

KEY FEATURES
- Tera2321 Processor
- Built-in speakers (1W x 2) provides true all in one solution
- Wide Viewing capabilities of IPS (23CAV42K-BL) technology with the superior picture quality of LED backlighting
- Six USB 2.0 inputs to offer various usage scene
- Upgraded usability with UPoE ready
- TAA Compliant

HIGH PERFORMANCE VIRTUAL COMPUTING

LG’s 19CNV42K-B, 23CAV42K-BL and CBV42-B utilize a Teradici® TERA 2 Chipset and VMware to deliver a powerful and secure virtual computing solution. Compared to a traditional desktop computing system, the V series allows advanced computing with greater security while reducing system-building and maintenance costs. LED backlight technology also provides a bright and clear display to facilitate a comfortable computing experience for daily office work and multimedia applications.

The LG Cloud Monitor (Zero Client) combined with a Teradici PCoIP Processor and VMware Software result in an innovative ‘PCoIP Virtual Computing’ solution.

LGsolutions.com
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(V series)
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<table>
<thead>
<tr>
<th>Model</th>
<th>19CNV42K-B</th>
<th>23CAV42K-BL</th>
<th>CBV42-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAA Complaint</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Panel Size (measured diagonally)</td>
<td>19” (19.0”)</td>
<td>23” (23.0”)</td>
<td>N/A</td>
</tr>
<tr>
<td>Panel Type</td>
<td>TN</td>
<td>AH-IPS</td>
<td>N/A</td>
</tr>
<tr>
<td>Processor</td>
<td>Teradici Tera2321 PCoIP Chip</td>
<td>PCoIP</td>
<td>N/A</td>
</tr>
<tr>
<td>RAM</td>
<td>512MB</td>
<td>512MB</td>
<td>512MB</td>
</tr>
<tr>
<td>Networking</td>
<td>10 / 100 / 1000</td>
<td>10 / 100 / 1000</td>
<td>10 / 100 / 1000</td>
</tr>
<tr>
<td>Color Depth</td>
<td>16.7M</td>
<td>16.7M</td>
<td>N/A</td>
</tr>
<tr>
<td>Pixel Pitch (mm)</td>
<td>0.2835(V) x 0.2835(H)</td>
<td>0.2652(V) x 0.2652(H)</td>
<td>N/A</td>
</tr>
<tr>
<td>Resolution</td>
<td>1440 x 900</td>
<td>1920 x 1080</td>
<td>1920 x 1200 (DVI)</td>
</tr>
<tr>
<td>Brightness (Typ)</td>
<td>250 cd/m²</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1,000:1 (Typ)</td>
<td>5,000,000:1 (DFC)</td>
<td>N/A</td>
</tr>
<tr>
<td>Response Time (on/off)</td>
<td>5ms</td>
<td>14ms (GTG)</td>
<td>N/A</td>
</tr>
<tr>
<td>Viewing Angle (H/V)</td>
<td>170°/160°</td>
<td>178°/178°</td>
<td>N/A</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Non-Glare</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**INPUT (SIGNAL)**
- Model: 19CNV42K-B, 23CAV42K-BL, CBV42-B
- D-Sub: Yes
- DVI: Yes (Dual)
- DVI-D, DVI-I: No
- Others: Yes

**OUTPUT (SIGNAL)**
- DVI: Yes (Dual), DVI-D, DVI-I
- DVI-D, DVI-I: No
- 10/100/1000: No

**INTERACTIVE**
- USB 2.0: Yes
- 6 (4 Back, 2 Side)

**POWER**
- Type: Adapter (19V DC)
- Normal On: 17W (D-Sub)
- 22W (Cloud)
- 29W (D-Sub)
- 29W (Cloud)
- Power Save/Sleep Mode (Max): 0.5W (D-sub)/7W (Cloud)
- DC Off (Max): 0.5W (D-sub)/0.5W (Cloud)
- DC-Off-Sleep Mode (Max): 0.5W (D-sub)/0.5W (Cloud)
- Temperature (Min/Max): 32°F/104°F
- Frequency (AC): 50-60Hz
- Frequency (DC): 57-63Hz

**SPEAKER**
- Built-in Speaker: Yes (1W x 2)

**STAND**
- Base detachable, Tilt, Yes / -5° (front), 15° (rear), Swivel (90°), Height (130mm), Pivot

**VESA Standard Mount Interface**
- 100mm x 100mm: Yes

**STANDARD CERTIFICATION**
- UL(cUL): Yes
- TUV: No
- FCC-B, CE: Yes
- RoHS: Yes
- 3-Year Limited Warranty (Parts/Labor/Backlight)

**UPC**
- 7 19192 19161 7
- 7 19192 19162 4
- 7 19192 19183 9

*ALiPoE sold separately*