USB Monitor

Manual Operation
USB Powered Monitors are with DisplayLink technology built in. USB monitors are the easiest way to add an additional display to your PC or Mac. Simply install the DisplayLink software and plug the USB monitor into your USB port - That's it! Most USB monitors are powered by the USB port, so there is no need for an additional power lead, making them power efficient and portable. USB monitors let IT departments improve their worker productivity with extra monitors without the cost or time required to add graphics cards to each and every PC.

You can connect this LCD screen to your PC or laptop via USB, so you can use it as a secondary screen. Available in 8 inch or 10.1 inch model, this USB Monitor is compatible with PC and Mac, support Microsoft Windows XP, 2000, Vista, Win7 and Mac OS. This tiny LCD screen can be used for a Side Show device, instant messaging program, system statistics, or a Photoshop toolbox etc.

1. Safety Instructions
These safety instructions must be followed to ensure your safety and prevent property damage.
Make sure to read the instructions carefully and use the product in the correct manner.

1. The monitor doesn’t require any additional power source. Make sure to use USB Cable (DC 5V, 500mA) only.

2. Do not place the monitor in a location exposed to moisture, dust, smoke, water, or in a car.

3. Clean the product using a soft cloth with a monitor cleaner only. Make sure to disconnect USB Cable while cleaning. Ensure that water does not enter the product and that it is not wet.

4. LED display is fragile unit. Do not force on LCD Screen. Do not tap or scratch LCD Screen with a sharp object, otherwise, LCD may get damage. Do not put the monitor in an unstable or may fall location, otherwise, may cause personal injury or damage the machine.

5. Ensure that users do not disassemble, repair or modify the product by themselves. If the product needs to be repaired, contact a Service Center.
1. Product Features
   1. Front panel
   2. Rear Case and USB Signal Input Port

2. Connections and Installation
   1. USB monitor doesn't require any additional power source except USB. So that need require the USB ports on PC can supply current which is not less than 400mA. Attached Y type USB cable has 3 USB input port. 2 A type and 1 B type mini USB port. 2 A type USB Port connect the PC USB port, B type mini USB port connect to the port in the monitor.

   Attached Y type USB cable:

   1. A type USB Port, power and data transmission, connect to the USB port of the PC.
   2. A type USB Port, power and data transmission, connect to the USB port of the PC. (optional)
   3. B type mini USB input port, connect to USB monitor input port.

   Please use the two A type USB plug into the PC to the USB port to ensure supply
System Requirements:
- CPU: Intel Pentium/Celeron/AMD/K6/Athlon/Duron 1.2GHz or above
- RAM: 512MB RAM or above
- USB: at least one or more USB2.0 port
- HDD: 30MB HDD space above

Installing monitor driver:
- 1. Insert the CD into the CD-ROM drive
  - Please make sure that your USB monitor is connected to the PC
  - Do not power off or disconnect the USB cable until installation is completely finished. This may damage systems or may cause system errors.
- 2. Open the folder window
- 3. Double click the icon DisplayLink icon

Pop-up as follows:

- 4. Choose install language:
  - Choose language:
  - Click "agree", the system will automatically install the driver
- 5. Click OK
- 6. When the driver installation is complete, icon appears on your system tray.

While installing software driver, make sure the USB cable be connected to the computer

- 7. At this point, your USB monitors can display properly, you can follow the computer prompts, make the appropriate settings for the USB Monitor.

3. System Requirements & Restrictions

1. Operating Systems
   - Windows XP
     - Service Pack 1 prior: Not supported
     - Service Pack 2 or after: Supported
   - Windows 2000
     - Service Pack 3 prior: Not supported
     - Service Pack 4 or after: Supported
   - Windows Server 2003: Not supported
   - Windows Vista: Supported except 64bit systems
   - Windows 7
   - Mac OS

User may check the Operating System version by Right-click 'My Computer' → 'Properties' → 'System Properties'

2. USB Monitor is a USB monitor to be recognized as a Generic USB
device. Therefore system boot-up screen or DOS screen cannot be displayed properly.

2. Any software that requires Hardware 3D accelerator cannot be displayed properly with USB monitor. Such as below.
   - Real Player (Expansion Mode)
   - 3D Graphic Games
   - Programs based on Direct X graphic engine

If the PC doesn’t support USB2.0, USB Monitor may not operate properly.

3. If the system’s Graphic card doesn’t support WDDM (Windows Display Driver Model), the USB monitor’s extension mode may not work properly with Windows Vista System.

4. Parameters:

<table>
<thead>
<tr>
<th>LCD Screen</th>
<th>7inch TFT LCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backlight</td>
<td>LED</td>
</tr>
<tr>
<td>Resolution</td>
<td>WVGA (800×480)</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>500:1</td>
</tr>
<tr>
<td>Brightness</td>
<td>250cd/m²</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>L/R=140°, U/D=120°</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>USB (DC 5V)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>2.5~3.0W</td>
</tr>
<tr>
<td>Unit Size (LWH)</td>
<td>190×128×23.5mm</td>
</tr>
<tr>
<td>Unit Weight</td>
<td>397g</td>
</tr>
<tr>
<td>Install</td>
<td>Stand Bracket (optional 75mm VESA Mounting)</td>
</tr>
</tbody>
</table>

5. Accessories

USB Cable x1  CD Driver x1  Bracket  Manual x1

6. Troubleshooting

Before calling for assistance, please read carefully below. If you do need assistance, please call local service center or contact your dealer.

1. No image on screen, I can not turn on the USB Monitor
   A: Please check if the USB cable is connected. Please run the "USB installation software" by CD disks. For more detail about driver installation, please refer to 3 “Installing monitor driver”

2. I cannot turn on my USB Monitor screen on.
   A: Please check if the USB cable is connected, and then check screen. Please check if “USB installation software” has been installed properly.
   a) Right-click ‘My Computer’
   b) Click ‘Device Manager’ at ‘Hardware’ tab
   c) Locate the cursor on PC at the top of the system tree
   d) Click ‘Action’ (‘Add Hardware’)
   e) Reboot the PC

* Normal PC recognizes USB Monitor as a generic USB device. Frequent power on and off of the device may cause USB device error. Please refer to Microsoft customer support for USB devices troubleshooting.

3. I cannot boot my system after connecting USB Monitor.
   A: in case i851 chipset once – Board Type PC system, please disable ‘Legacy USB support’ option in system.

B IOS setup method may differ from PC to PC, please refer to the User manual of the PC. Please refer to Microsoft homepage for more detail.

4. I cannot see DOS opening screen with USB Monitor when my PC systems is booting up.

USB Monitor is using USB device. Since DOS doesn’t recognize USB Device while booting – up, USB Monitor cannot get video signal from the system.

5. I cannot run 3D graphic game with the 7inch UM screen.

The 7inch USB is using USB 2.0 interface for video data transfer. Therefore any program that requires 3D high speed graphic acceleration cannot be displayed properly.

Restricted Programs:
   a) Real Player (Doesn’t support Extension Mode)
   b) 3D Graphic Games
   c) Programs that requires Direct X graphic acceleration
   d) Power DVD
   e) Win DVD (Version 5 or later)

Supported Multimedia Players

Manual

USB Cable x1  CD Driver x1  Bracket  Manual x1
a). Windows Media Player (Version 10 or later)  
b). GOM Player  
c). KM Player

6. How to uninstall "USB installation software"  
A: 'Control Panel' → 'Program Add/Remove' → 'Display link Core software' →  
Click 'remove'.

7. How many USB Monitors can be connected to one PC?  
USB Monitor is a generic USB device. Theoretically a PC can recognize up to  
127 USB device. However with the latest PC system, we recommend number  
of USB monitors and each respective PC system requirements as below.

a). 1~2 USB Monitor connections - 1.2GHz CPU/512 MB Memory  
b). 3~5 USB Monitor connections - 1.8GHz CPU/1GB Memory  
c). 6 USB Monitor connections - 1.6GHz Dual core CPU/1GB Memory

* Display response rates on each USB monitor may vary upon the PC's  
resource management status.

8. When USB connected with PC first, after PC starts, UM is standby and no  
display?  
A: Plug-out and plug in again with the USB cable between PC and USB  
Monitor, or please uninstall the Displaylink software driver, and then re-install  
the driver.