

## CM1164

4-Port USB DVI Multi-View/Audio KVMP™ Switch



To improve the operational efficiency of intensive monitoring applications, there needs to be a fast and convenient way to view and manage more computers simultaneously, permitting faster response times from a single location. The CM1164 4-port USB DVI-D KVMP Control Center charts a revolutionary new direction in KVM switch functionality by combining a 4-port DVI-D switch with a 2-port USB hub, and providing the following display modes: Quad View mode, which simultaneously displays four digital computers/video sources on a single screen; as well as Picture in Picture mode (Dual, Triple or Quad) and Full Screen mode to meet the demands.

In addition, CM1164 provides Daisy Chain Control (DCC) functionality. A (DCC) port allows a user to connect and control up to four CM1164 units via a single console. This enables the use of only one keyboard/mouse over several computers or another CM1164. This is convenient for growing networks that need to monitor and manage more computers – daisy chain up to four units and switch between up to 16 computers.

With its unique design and innovative features, the CM1164 4-port USB DVI-D KVMP Control Center is the right solution for a wide range of practical applications, including control rooms, monitoring systems, and traffic control centers – allowing you to switch seamlessly between four DVI-enabled PCs, and share USB peripherals and audio from a multi-view console.

## Features

- One USB console independently and simultaneously controls four DVI-D computers and two additional USB devices
- Multi-view console controls up to 4 video sources on one screen
- Function control and system setting via Front Panel, OSD, IR Remote – display mode, port selection, daisy chain, and so on
- Channel Editor - edit display windows, and other functions with the mouse and on-screen control panel
- Hardware Cursor – OSD navigation via console mouse
- DCC (Daisy Chain Control) port enables users to connect up to four CM1164 units, and use one console keyboard/mouse to manage computers or another CM1164
- Video DynaSync™ – exclusive ATEN technology eliminates boot-up display problems and optimizes resolution when switching between ports
- 2-port USB 2.0 hub built in, fully compliant with USB 2.0 specification
- Computer selection via front panel push buttons, hotkeys, IR Remote Control and OSD (with mouse\* function enabled)
- Console mouse port emulation/bypass feature that supports most mouse drivers and multifunction mice\*\*\*
- Console keyboard emulation /bypass feature that support most multimedia keyboards\*\*\*
- Independent switching for USB peripheral port, audio function, and KVM switch focus
- Power on detection
- Auto scan feature
- Multiplatform support – Windows, Linux, Mac and Sun
- Keyboard and Mouse support emulation and bypass
- Superior video quality – up to 1920 x 1200 resolution
- Multilingual keyboard mapping-Supports English, Japanese, and French keyboards
- Full bass response provides a rich experience for 2.1 channel audio
- Mac/Sun keyboard support and emulation\*\*
- Upgradeable firmware through computers' USB port

\* For 3-key USB wheel mouse only

\*\*PC keyboard combinations emulate Mac/Sun keyboards.

\*\*\*Mac/Sun keyboards only work with their own computers.

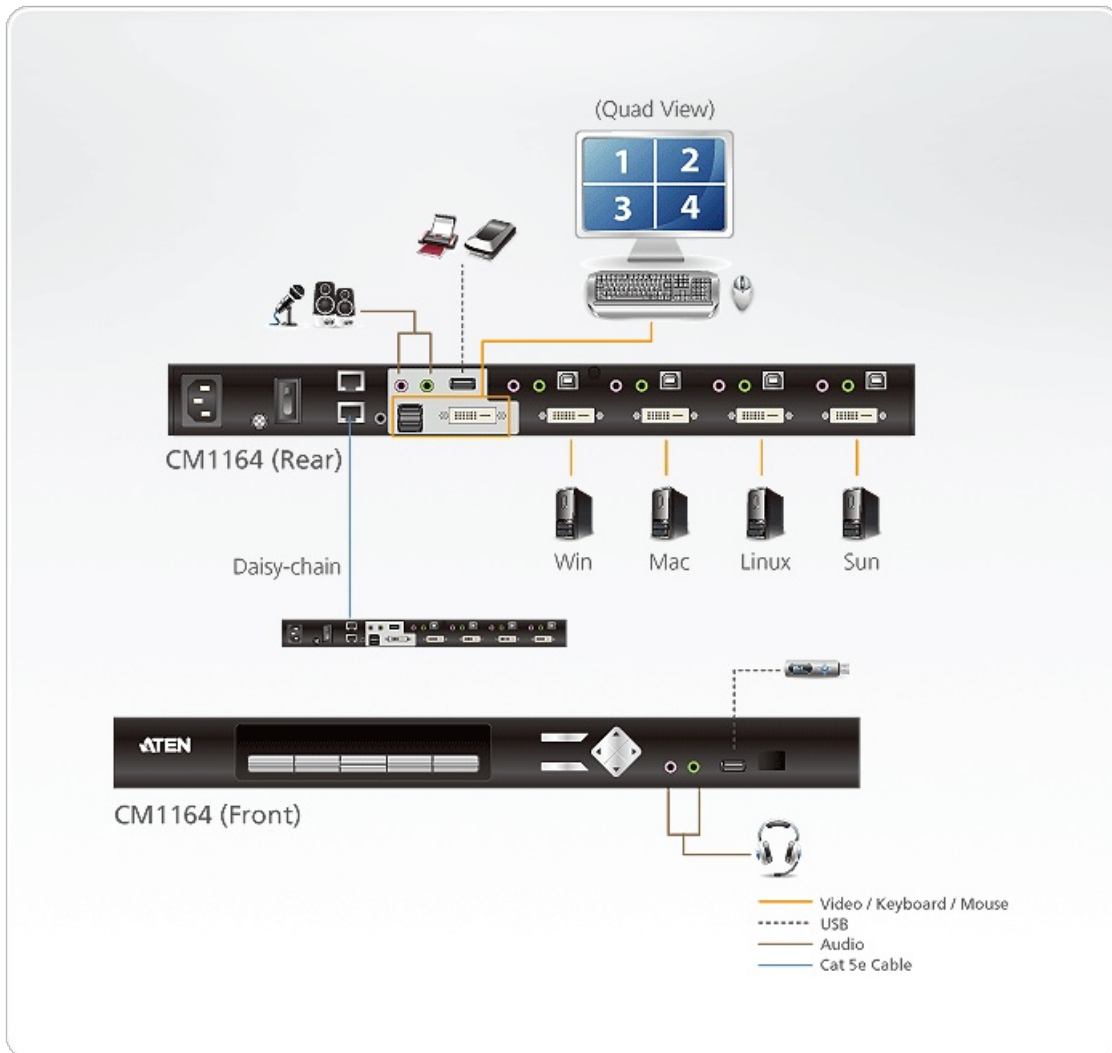
\*\*\*The USB keyboard and mouse console ports on the CM1164's rear panel will only support a USB keyboard and mouse.

## Specifications

|                      |                                                                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Computer Connections | 4                                                                                                                                                                                                                                 |
| Port Selection       | Front Panel Pushbuttons; Hotkeys;<br>IR Remote Control;<br>On-Screen Display (OSD); Mouse                                                                                                                                         |
| Connectors           |                                                                                                                                                                                                                                   |
| Console Ports        | 2 x USB Type A Female (Black; rear panel)<br>1 x Single Link DVI-D Female (White)<br>2 x Mini Stereo Jack Female (Green; 1 x front panel, 1 x rear panel)<br>2 x Mini Stereo Jack Female (Pink; 1 x front, 1 x rear)<br>2 x RJ-45 |
| KVM Ports            | 4 x USB Type B Female (White)<br>4 x Single Link DVI-D Female (White)<br>4 x Mini Stereo Jack Female (Green)<br>4 x Mini Stereo Jack Female (Pink)                                                                                |
| Power                | 1 x IEC320 Jack                                                                                                                                                                                                                   |
| USB Hub              | 2 x USB Type A Female (White; 1 x front panel; 1 x rear panel)                                                                                                                                                                    |
| Switches             |                                                                                                                                                                                                                                   |
| Selected             | 11 x Pushbuttons                                                                                                                                                                                                                  |
| LEDs                 |                                                                                                                                                                                                                                   |
| KVM                  | 4 (Orange)                                                                                                                                                                                                                        |
| Audio                | 4 (Green)                                                                                                                                                                                                                         |
| USB                  | 4 (Green)                                                                                                                                                                                                                         |

|                        |                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Emulation              |                                                                                                                                                                                                                                                                                                                                      |
| Keyboard / Mouse       | USB                                                                                                                                                                                                                                                                                                                                  |
| Video                  | 1920 x 1200 @ 60 Hz (DVI-D)                                                                                                                                                                                                                                                                                                          |
| Scan Interval          | 1–99 secs. (Default: 5 secs)                                                                                                                                                                                                                                                                                                         |
| Power Consumption      | AC110V:15.2W:97BTU/h<br>AC220V:15.2W:97BTU/h<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental          |                                                                                                                                                                                                                                                                                                                                      |
| Operating Temperature  | 0-40°C                                                                                                                                                                                                                                                                                                                               |
| Storage Temperature    | -10-60°C                                                                                                                                                                                                                                                                                                                             |
| Humidity               | 0-80% RH, Non-condensing                                                                                                                                                                                                                                                                                                             |
| Physical Properties    |                                                                                                                                                                                                                                                                                                                                      |
| Housing                | Metal                                                                                                                                                                                                                                                                                                                                |
| Weight                 | 2.50 kg ( 5.51 lb )                                                                                                                                                                                                                                                                                                                  |
| Dimensions (L x W x H) | 43.72 x 16.38 x 4.40 cm<br>(17.21 x 6.45 x 1.73 in.)                                                                                                                                                                                                                                                                                 |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                                                                                                      |

# Diagram



## ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
 www.aten.com E-mail: marketing@aten.com



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