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 (DDC) 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 via OSD menu – display mode, port selection, daisy chain, and so on
- 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.
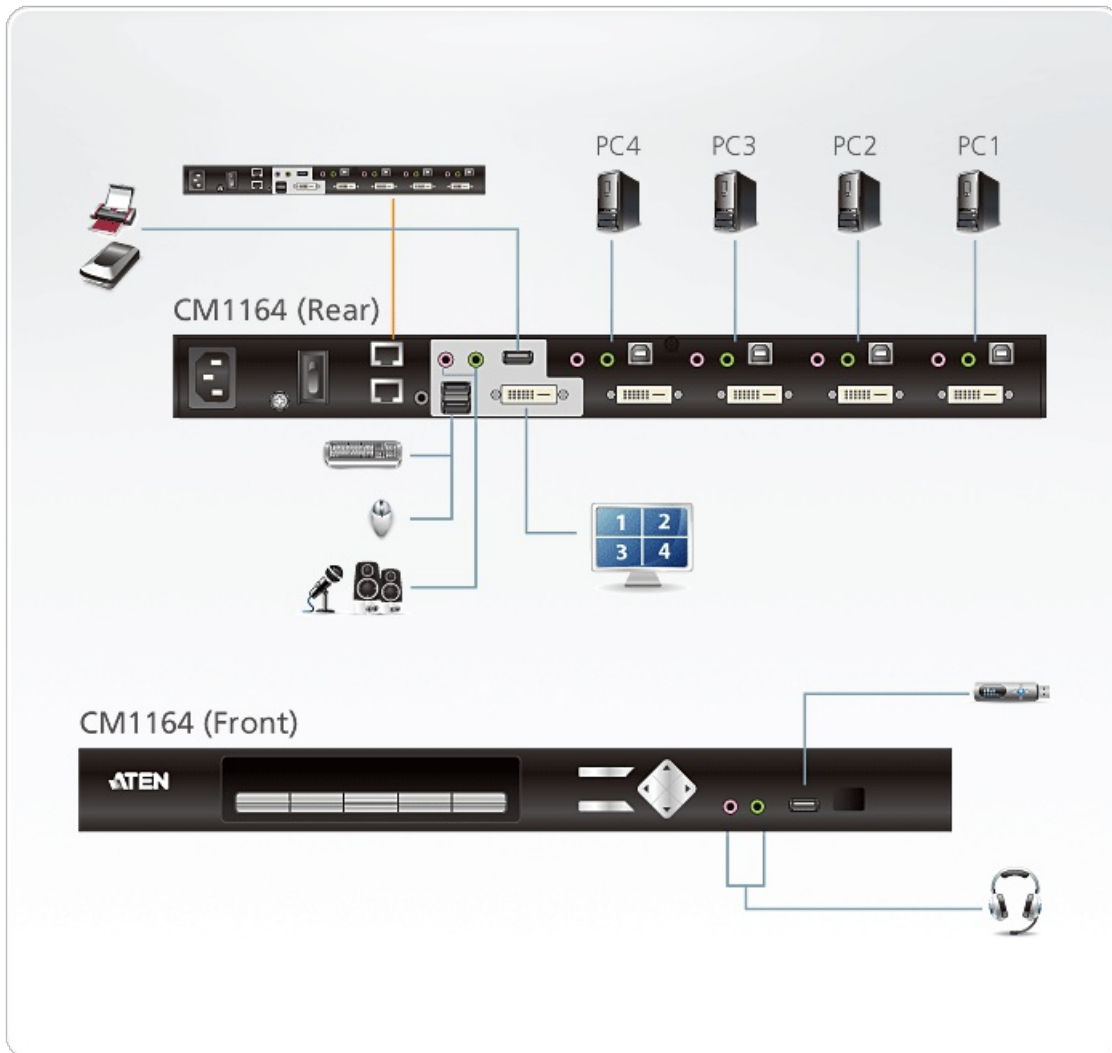 **Mac/Sun keyboards only work with their own computers.
  ***The USB keyboard and mouse console ports on the CM1164's rear panel will only support a USB keyboard and mouse.

Specification

Computer Connections	4
Port Selection	Front Panel Pushbuttons; Hotkeys; IR Remote Control; On-Screen Display (OSD); Mouse
Connectors	
Console Ports	2 x USB Type A Female (Black; rear panel) 1 x Single Link DVI-D Female (White) 2 x Mini Stereo Jack Female (Green; 1 x front panel,1 x rear panel) 2 x Mini Stereo Jack Female (Pink; 1 x front, 1 x rear) 2 x RJ-45
KVM Ports	4 x USB Type B Female (White) 4 x Single Link DVI-D Female (White) 4 x Mini Stereo Jack Female (Green) 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 AC220V:15.2W:97BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
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 (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

CM1164 (Rear)

CM1164 (Front)

PC4   PC3   PC2   PC1