

Resolution decreased after installing KVM switcher



Article Overview

Resolution drops when using a KVM switch are often caused by EDID miscommunication, adapter limitations, or incorrect display settings, and can usually be fixed with proper configuration or hardware adjustments.

Common Causes

- **EDID Detection Issues** KVM switches sometimes fail to correctly relay the monitor's EDID (Extended Display Identification Data) to the connected computer. This can cause the system to detect a lower maximum resolution than the monitor actually supports, resulting in a drop from, for example, 3840x2160 to 1920x1080 or lower when switching devices .
- **Adapter or Cable Limitations** Using low-quality adapters, such as HDMI-to-VGA converters or passive DisplayPort adapters, can limit the signal quality and reduce the maximum supported resolution . Some USB-C ports may not support DP Alt Mode, which can also prevent full resolution from being transmitted .
- **Operating System Settings** After switching devices, the OS may not automatically restore the previous resolution. On Linux, for instance, resolutions may drop and only stabilize after a reboot . Windows users may experience similar behavior if the display settings are not manually adjusted after switching .

Solutions

- **Check Monitor Specifications** Verify the monitor's supported resolutions and refresh rates in the manual. Some monitors advertise high refresh rates only at lower resolutions

Article Content

Setting desktop resolution when using KVM

LinuxQuestions > Forums > Linux Forums > Linux - Newbie Setting desktop resolution when using KVM Linux -

Dual Monitor Resolution Problem with KVM Switch

Trying to setup a dual monitor environment with one monitor running through a KVM Switch. The first monitor gets detected just fine

Is My KVM Switch Dock Causing This Annoying Monitor Resolution

Experiencing monitor resolution problems with your KVM switch dock? Discover common causes, detailed

Picture shrinkage with KVM Solved

Your resolution can be different between multiple monitors with a KVM. Only those KVM's that are very costly, can

KVM Troubleshooting: How to Solve Resolution & Refresh Rates

Video + Article Guide. Fix KVM resolution and display problems in no time. Follow our easy troubleshooting guide to

Lower resolution on monitor after KVM hookup. Monitor switched from ...

I have an Acer 19" monitor. It worked fine at the resolution that I wanted 1280 x 1024. Then I hooked up a KVM switch

Hi! I was normally using my KVM switch (U Green VGA KVM Switch) to install a new build and then the video

Why Video Sometimes Behaves Differently When Using a KVM Switch

When setting up a workstation, users expect consistent video performance whether they connect their computer

windows 7

Whenever I switch to another computer and come back, the resolution goes from 1440 x 900 (where I set it) to 1024 x 768. The other

Fix KVM Switch Issues: How to Solve Monitor Problems (Single & Dual)

Quick fixes for KVM switch monitor not working. Learn how to resolve common monitor issues including detection

Just bought a KVM switch for me to easily switch between my work laptop and my personal desktop. Problem is, the

Troubleshooting Common KVM Issues Across Distributions

Optimize your KVM setup for Google using practical troubleshooting examples & steps for common KVM issues

Question

Hi, Hoping to find some help with my pc setup, I've recently changed docking station to a KVM Switch but I'm having a

Stuck at 1024x768? How to Fix Your Monitor Resolution When Using

Stuck at 1024x768 with your KVM switch? Learn how to fix your monitor resolution, understand EDID issues, and troubleshoot

Why Video Sometimes Behaves Differently When Using a KVM

If the KVM's EDID doesn't match the monitor's actual EDID (or if the switch doesn't fully support certain resolutions),

Monitor resolution problem on a KVM Switch Dock

Hi, Hoping to find some help with my pc setup, I've recently changed docking station to a KVM Switch but I'm having a

Common Problems with KVM Switch & Solutions (PART ONE)

Problem 3: The KVM switch is on but nothing shows on the display or it shows "no signal". Problem 4: Certain

Issue with monitor resolution when using a KVM switch

Sounds like the monitor EDID settings (what resolutions/refresh rates it supports) are not getting to Ubuntu when it's

Dual/Triple Monitor KVM Switch Black Screen Troubleshooting Resolution ...

In this case, lowering the resolution usually solves the problem. The EDID reading is abnormal It means that the video

Fix KVM Switch Monitor Signal Drops & Black Screens

KVM switch monitor signal drops are often caused by bandwidth, handshake, or cable issues. Get practical solutions

My KVM Switch thinks my second monitor is tiny!

When I use this cable to connect monitor #1 to the KVM, then monitor #1 is now displaying low resolution. The thing is, I usually use

Common Problems with KVM Switch & Solutions (PART ONE)

You shall try setting a lower resolution output (such as 720p or 1080p) and then reconnecting to the KVM switch to

Display resolution dropping when using KVM switch

At this point things stabilize, and switching back and forth yields 1920x1200 for windows and 1024x768 for Linux (that

Why Is My KVM Switch Not Detecting My Monitor? – TESmert

You switch inputs on your KVM switch, but the monitor stays black. Sometimes the display works perfectly on one

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