

Article Overview

The Scan Function in KVM4 switchers allows automatic or manual cycling through connected computers or devices, displaying each in sequence to monitor multiple systems efficiently.

Overview of Scan Function

The Scan Function in KVM switches is designed to help users monitor multiple connected computers or devices without manually switching between them. It can operate in two main modes:

- o Auto Scan: The KVM switch automatically cycles through all connected ports at a user-defined interval, displaying each computer or device sequentially. This is useful for continuous monitoring in control rooms, surveillance setups, or multi-computer workstations (QSSM-3114 supports selectable scan rate adjustment) .
- o Manual Scan: Users can manually advance the scan to the next port using keyboard shortcuts or hotkeys, allowing focused monitoring of specific devices when needed .

How It Works

- o Port Cycling: The KVM switch moves the focus from one port to the next, either automatically or manually. The interval for auto scan can typically be set from 1 to 99 seconds, depending on the model .
- o Display Layout: During scanning, the active device is displayed prominently, often in the center of the screen, while other devices may appear as thumbnails or in a slide show format. Some advanced KVMs, like the Rexton QSSM-3114 or Raritan KX II, allow up to 32 targets to be scanned and displayed in a slide show view .
- o Focus Management: The scan function highlights the currently active device, making it easy to identify which system is being monitored. Users can pause the scan or select a specific device to focus on at any time .

Practical Applications

- o Control Rooms: Monitor multiple servers or workstations simultaneously without constant manual switching.
- o Video Surveillance: Cycle through multiple camera feeds or security systems efficiently.
- o IT Management: Quickly check the status of multiple computers or servers in a data center or office environment.

Configuration Tips

- o Adjust Scan Interval: Set the auto scan interval according to your monitoring needs; shorter intervals for rapid updates, longer intervals for detailed observation.
- o Use Hotkeys: Enable manual scan via keyboard shortcuts for quick access to specific devices.



KVM4 Switcher Scan Function

o Combine with Multi-View: Some KVMs support PiP or PbP layouts, allowing simultaneous viewing of multiple devices while scanning . The Scan Function enhances productivity and situational awareness by automating the monitoring process, reducing the need for constant manual switching, and providing a clear visual overview of all connected systems.

A desktop display with an integrated keyboard, video, and mouse switch is a great solution

The KVM Switch's Auto Scan feature automatically cycles through the ports at regular 5 seconds intervals so that you can monitor

Thank you for purchasing this Belkin Advanced Secure Keyboard/Mouse (K/M) Switch. This KM Switch is designed for use in secure

The KanexPro KVM-4X1MV4K HDMI & USB 3.0 KVM Switcher was designed for the purpose of supporting higher output resolution

The KVM HDMI 2.0 Multiview Switcher (model: 500870) allows professional video processing and control, capable of displaying up to

To adjust Scan Rate, set the scan time of duration before switching to the next computer: Left <CTRL> + Left <CTRL> + <F3> The

Our KVM switches provide an extensive, easy-touse, hotkey function that makes it convenient to access, control, and configure your

HDMI KVM switches for controlling multiple PCs. Seamlessly switch keyboard, mouse and display between

To start Auto Scanning, with the toolbar showing, tap the A key. The Auto Scan function (Auto Scan Mode) cycles through the ports

Looking for a monitor with a built-in KVM switch? Check out the best models currently available and everything you

* Auto-scan - A mode in which the KVM switch automatically scans through the live

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

Physical button switching, hotkey switching, and remote control switching are the most



KVM4 Switcher Scan Function

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