ViewSonic Low Input Lag Functionality

Is Input Lag Important?
This commonly known problem stems from the delay of a PC graphics card signal to a display. The time it takes to click a mouse or hit a button on a keyboard has become increasingly important, especially with competitive gaming rapidly growing in popularity. With a growing number of monitors having advanced options/functions and an increasingly wide variety of features being offered by computer hardware and peripheral manufacturers, input lag has grown in importance. In addition, an increase in the amount of complex and graphic heavy games have come out on the market; with software and hardware that produces higher quality visuals input lag can slow you down, while increasing the amount of frustration you receive while playing games and interacting with various applications.

Input Lag Explained
Input lag happens, especially when running programs with lots of visual effects. The scalar inside the monitor needs to process large amounts of visual data from the input source to improve the motion image performance, to get the best image quality possible. When gaming or using fast-paced, graphic-intense programs, increased input lag can occur due to the advanced features and scalar of the display (output). In practice, users can usually only determine this by running specific input lag tests or by feeling the latency by playing games and noticing the delay. Games will run smoothly and produce high quality visuals, but sometimes at the cost of input signal delay. The delay between the graphics card and the output (display) can be noticeable and in terms of twitch reflexes, it can be the determining factor between winning and losing in competitive gaming. If a user has high speed, or timing precise requirements for their computer use, commands will be executed late, causing errors and creating a difficult environment for users to execute complex, high frequency commands (FPS/RTS gamers especially). This lag creates a bad environment for users to enjoy games, with some users even feeling the slight delay during normal computer use. With each user having his or her own threshold for input lag sensitivity, less lag means better performance.
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There are various ways to combat input lag, either by adjusting your software, bios and hardware to get the lowest latency possible. To increase your competitive edge, ViewSonic offers the VG2401mh-2 with an efficient low input lag function, utilizing a monitor process reducer, which decreases input to output latency. This benefit reduces graphic card to display input lag to almost nothing, keeping users up to speed with the competition. With ViewSonic’s low input lag function, lag is decreased, giving you more responsiveness from your peripheral devices by turning off unnecessary functions that are not needed. Using input lag testing methods like Leo Bodnar’s video signal lag tester, ViewSonic displays are put through rigorous quality control assessments to ensure the lowest amount of lag possible. Omitting image enhancement functions, ViewSonic’s low input lag function helps create a seamless experience, giving users the ultimate advantage in casual or competitive use.