

# MotionNode Monitor

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**MotionNode** Version 1.4

<http://www.motionnode.com/>

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## 1 Introduction

The MotionNode Monitor is a utility application that detects device arrival and removal. The monitor can automatically configure and start reading from MotionNode devices as they are plugged in.

The monitor application also provides user feedback on the current state of the MotionNode system. Some of the most common commands used to control devices are available in a context menu for convenience.

## 2 Usage

The MotionNode Monitor application is only available on Windows. However, the Linux and Mac versions include similar tools to detect device arrival.

### 2.1 Windows

The MotionNode Monitor runs in the Windows notification area. Usually, this is on the taskbar in the bottom right corner of the screen. The monitor application appears as an **N** icon. If the application is not running, start it from the `Programs > MotionNode > Tools > MotionNode Monitor` shortcut.

Hover the mouse over the **N** icon to get the current status of the system. Click on the icon to get more detailed system status. Double-click the icon to open the MotionNode User Interface. Right-click the icon to open a context menu with additional commands and options.

If the MotionNode Monitor is unable to detect system status it will display an indication that it is blocked. Open the User Interface to resolve any issues.

Open User Interface	Open the MotionNode User Interface in the default web browser.
Run Viewer	Launch an instance the MotionNode Viewer application. The viewer requires that the devices are reading in order to display the data streams.
Record take	Start or stop a take. When a take is in progress this menu item will appear checked.
Connect	Start or stop reading from devices. When data streaming is active this menu item will appear checked.
Auto-connect	Automatically start connect and start reading from devices upon arrival. Add new devices to the configuration list as they are plugged in.

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Manage configuration	Erase current configuration state and re-scan for devices upon arrival and removal. Unless this option is enabled, the monitor application will never remove a device from the configuration list.
Run at Windows start up	Run the MotionNode monitor as a Windows start up application.

## 2.2 Linux

The Linux operating system includes functionality to detect device arrival and removal and then run user commands. The MotionNode installation includes example files for the *udev* device manager system, which is common on current Linux distributions.

See the `tools/linux/` folder in the MotionNode software installation for an example *udev* rule and script.

## 2.3 Mac

The Mac version of the MotionNode software includes a device monitoring application. The Mac monitor runs in the background and runs commands similar to the Windows and Linux versions.

See the `tools/macosx/` folder in the MotionNode application bundle for an example automatic application launch, device detect, and start system.