

# MotionNode Monitor

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**MotionNode** Version 1.2

<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.

## 2 Usage

The MotionNode Monitor tray 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 system tray. Usually, this is on the task bar 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. Double-click the icon to open the MotionNode User Interface. Right-click the icon to open an options menu.

Auto-connect	Automatically start connect and start reading from devices upon arrival. Add new devices to the configuration list as they are plugged in.
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.
Connect	Connect to and start reading from any available devices now. Scan for devices and add them to the configuration list.

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Close	Close existing device connections. Clear the configuration list if the <b>Manage configuration</b> option is selected.
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## 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.