In this study, a web-based remote-controlled motor educational tool for electrical, electronic and computer education was formed. The educational tool involves three different motor experiment, which are direct current motor, stepper motor and servo motor. The users can interact with the educational tool by using any computer connected to the Internet, and can conduct the experiments in a real-time manner. Each experiment can be used simultaneously. Users work with a camera connected to the system that transmits an image of a laboratory.