

【Abstract】

【Abstract】

Disclosed is a system for detecting and calibrating coordinates of infrared touch pen for electronic blackboard. According to the embodiment of the present invention, a system for detecting and calibrating coordinates of infrared touch pen for electronic blackboard includes a laser irradiation unit for irradiating a laser pointer to a predetermined Region 1, a camera photographing unit photographing the Region 1 and display panel, an image analysis unit that analyzes image data captured by the camera photographing unit and determines detection of an infrared touch pen, a touch pen detection unit calculating coordinate information of the infrared touch pen when the infrared touch pen is detected by the image analysis unit, and a coordinate calibration unit for calibrating the coordinate information calculated based on the image data analyzed by the image analysis unit.

【Representative Figure】

- Figure 1