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Research Paper on the Application of Artificial Intelligence in Infrared Wireless Thermometers

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Abstract: *Multiple validated protocols have been established following extensive research and refinement. The highest level of accuracy is attained using a method of direct physical contact between the measuring instrument and the individual being assessed. Nevertheless, recent events have clearly shown that there are certain circumstances, such as viral pandemics, in which it is highly recommended to refrain from coming into direct contact with objects that may have been used by others. To effectively combat highly contagious viruses like COVID-19, it is crucial to achieve the highest possible level of prevention. This study examines the process of monitoring temperature using infrared technology. We propose a straightforward setup using infrared temperature sensors to assist in forecasting the spread of illnesses in crowded environments like workplaces.*

Keywords: infrared sensors, body temperature, health care, flu prevention