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Influence of image resolution on the performance of remote breathing rate measurement using thermal imaging technique

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### **ACCEPTED MANUSCRIPT**

# Influence of image resolution on the performance of remote breathing rate

#### measurement using thermal imaging technique

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#### **Highlights**

- 1) Thermal imaging technique can be used for the unwired and unobtrusive breathing rate measurement.
- 2) Influence of image resolution on BR measurement performance is researched.
- 3) Design of thermal imaging system in a specific application scenario should select the suitable image resolution.

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