

Abstract of the Disclosure

The temperature-stable region determining unit 14 determines, as the temperature-stable regions V1, V2, regions in the overlapped regions Q1, Q2, in which
5 changes of temperature distributions are smaller than a threshold, of the thermographies P1, P2 of the two adjacent infrared sensors AS1, AS2 out of the plurality of infrared sensors AS, the overlapped regions Q1, Q2 of the thermographies P1, P2 overlapping with each
10 other. The temperature difference calculating unit 15 calculates the temperature difference ΔT between the representative detected-temperatures T1, T2 detected in the temperature-stable regions V1, V2 of the thermographies P1, P2 of the two adjacent infrared
15 sensors AS1, AS2. The temperature distribution generating unit 16 estimates a relative temperature error between the plurality of infrared sensors AS on a basis of the temperature difference ΔT , corrects the detected-temperatures obtained from the thermographies
20 of the plurality of infrared sensors AS on a basis of the obtained relative temperature error, and thereby generates a temperature distribution of the space 20.

[Fig. 1]