

ABSTRACT

INFRA-RED SENSOR

- 5 An infra-red sensor comprising an infra-red lens, an infra-red detector and a processing
and control circuit connected to the detector and arranged to provide an output infra-
red image signal, a heat extraction device for dissipating excess heat from the sensor,
and a passive thermal distribution system comprising at least one first heat pipe linking
10 the processing and control circuit board thermally to the heat extraction device, and at
least one second heat pipe linking the lens thermally to the processing and control
circuit.

Fig. 1



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