

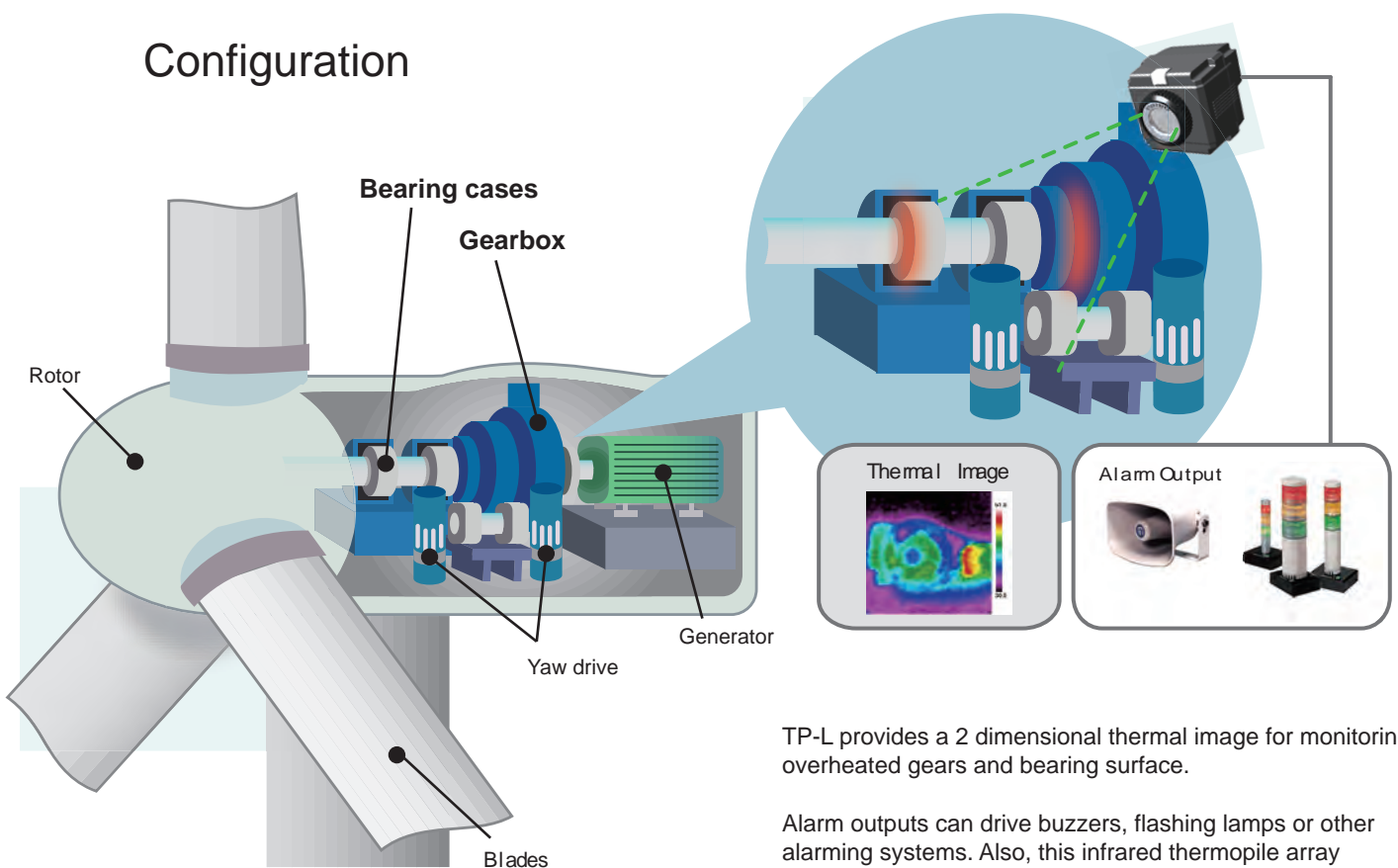
APPLICATION SHEET

Thermal Imaging for Wind Turbine Predictive and Preventive Maintenance Monitoring

Wind turbines are entering into the mainstream of clean energy generating options. Monitoring gears and bearing parts inside of a wind turbine Nacelle for preventive maintenance of the mechanical components is important. Overheating can lead to a serious malfunction. CHINO's TP-L low cost and compact thermal imaging sensor provides the alarm and data required for this specification.



Configuration



TP-L provides a 2 dimensional thermal image for monitoring overheated gears and bearing surface.

Alarm outputs can drive buzzers, flashing lamps or other alarming systems. Also, this infrared thermopile array detector can be used even in a dark area such as inside of a Nacelle compartment.