IR SENSING APPLICATION SUMMARY

The following **IR Sensing Application Summary** is provided for your convenience. Providing us the application information as noted will assist us to respond to your inquiry quickly. It will help us specify the proper IR spot and/or imaging system components to meet your specific application requirements with the most accurate and cost effective system solution.

1) Description of Application (Text, Photo, Image)

2) Process Description (Moving, Speed, etc...)

3) Description of Material (Metal, Wood, Glass, Plastic, Surface, Emissivity, Size, Color, Rough, Smooth, Reflective)

4) Method of Heating or Cooling:

5) Material Heated or Cooled at Measuring Point? YES NO

6a) Desired Measurement Temperature Range (from _____°C to _____°C)

6b) Critical Temperature _____°C

7) Target Distance Between Sensor and Material _____ mm (Minimum) _____ mm (Maximum)

8) Desired Spot Size or Area of Measurement ____ mm

9) Interference between Sensor and Material (i.e. Gas, Steam, Dust, Plastic Foil, Window Glass, Smoke, IR Window, etc...)

10) Ambient Temperature near

a) Sensor Head _____°C

b) Electronic Box _____°C

11) Cable Length _____ Meters

12) Accessories (i.e. Mounting, Adaptors, Air Purge Collar, etc...)

13) Response Time

14) Output Required (mV, mA, USB, Profibus, Modbus)

15) Software Requirement

16) Are there any volatile, hazardous or combustible gases, vapors, or dust in the measurement location?