

Grid-EYE® Infrared Array Sensor Evaluation Kit

Part No.: AMG8834EVAL

Panasonic's Grid-EYE Sensor Evaluation Kit Featuring TrackMe Software Enables Fast Prototyping Of IoT And Many Other Applications

Panasonic is pleased to announce the availability of the **Grid-EYE AMG8834EVAL Evaluation Kit** featuring **TrackMe Software** for its Grid-EYE Infrared Array Sensor, which integrates a "nanopower" Bluetooth Smart module and a microcontroller. The AMG8834EVAL Kit is intended for prototyping the Grid-EYE Sensor which is a 64 pixel IR camera in a surface mount package measuring 11.6mm x 8mm x 4.3mm, which integrates the MEMS Sensor, lens and I2C interface.

The integrated Panasonic Bluetooth® RF Module in the AMG8834EVAL is the Panasonic PAN1740 Series and draws 4.9mA in transmit or receive operating modes, which means it can be powered by coin cell batteries. The IR Sensor has 64 thermopile elements in an 8×8 grid format that detect absolute surface temperature without any contact.