

FLIR SC325 Thermal Imaging System



IMAGE SIZE	320 X 240 PIXELS
IMAGE FREQUENCY	60 Hz
TEMPERATURE RANGE	-20°C to 350°C
ACCURACY	+/- 2°C
PRECISION	+/- 0.05°C

The SC325 is designed to deliver the accurate thermo graphic imaging and repeatable temperature measurement necessary in battery research. Each thermal image is built from over 76,000 individual picture elements that are sampled by the camera's on-board electronics and firmware. This allows excellent mapping of the cell's surface temperature at any instant during the charge/discharge cycle.

The FLIR ExaminIR is a powerful and easy-to-use thermal analysis software for camera system command and control, high speed data recording, real-time or playback analysis, and reporting. The SC325 makes use GigE Vision. It is a new camera interface standard developed using the Gigabit Ethernet communication protocol. GigE Vision is the first standard to allow for fast image transfer using low cost standard cables even over long distances. With GigE Vision, hardware and software from different vendors can interoperate seamlessly over GigE connections.