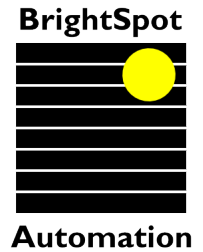


# EL-Camera Lab systems



## *Electroluminescence imaging of cell/module defects*

*Cracks in silicon solar cells*

*Cell processing defects (e.g. broken fingers)*

*Silicon quality (lifetime) variations*

*Wire soldering problems*

*Potential Induced Degradation*

*Thin-Film Shunting*

*Upgrade to PL mode without contacting*

## **Got Pixels?**

24 Megapixels modified DSLR camera  
Better images than a scientific camera at  
a fraction of the cost

## **Customers Include**

System installers  
System Quality Assurance Testers  
Module R&D and QC Groups  
Cell R&D Groups (Si & thin film)  
Wafer R&D Groups  
Module Buyers/Integrators (QC)  
Module Performance Testing Labs

## **Components**

Camera, Lens, and Filters  
Focusing aids  
Power supply  
Power cables to modules  
Computer with data acquisition  
& post processing software  
Stand or tripod  
Detailed operations guide

