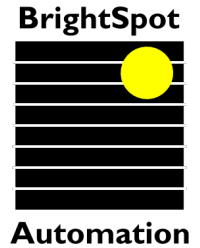


PanEL-Spot



Electroluminescence (EL) imaging of cell/panel 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
Designed for use in a lab setting

Got Pixels?

24 Megapixels modified camera
4K Video mode
Better images than a scientific camera at
a fraction of the cost

Customers Include

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

Components

Camera, Lens, and Filters
Programmable power supply
Power cables to modules
Stand and Barcode reader
Computer with IMPEL data
acquisition & post processing
software (contrast
improvement, autocropping,
quantification, & more)

