



Mounted view from the inside of the meeting room.



ROOMZ Solar Kit



Solar Power Board with rechargeable LiPo battery cell

## Upgrade your ROOMZ Display with ROOMZ Solar Kit

With our ROOMZ Solar Kit, you can easily upgrade any ROOMZ Display, enabling it to be powered by light. The photovoltaic module is simply applied to the rear of your ROOMZ Display, efficiently converting the interior lighting from a meeting room into a power source. A rechargeable LiPo battery cell serves as a power supply, this is constantly charged by the photovoltaic cell, even in low levels of indoor office lighting. Even without light, the battery can power the display for more than 3 months. The charging of the battery starts at light-levels as low as 100 lux; the display is completely self-sufficient in light-levels of just 300 lux, this is easily exceeded by typical office interior lighting.

### CONTENTS OF THE ROOMZ SOLAR KIT

- Organic Photovoltaic (OPV) Solar Cell
- Rechargeable 900 mAh LiPo Cell with harvesting electronics to replace the (non-rechargeable) battery included with the ROOMZ Display
- Instructions and everything you need to upgrade your ROOMZ Display
- Not included in the Kit: ROOMZ Display

### TECHNICAL SPECIFICATION

#### OPV Solar Panel

Type:	Flexible Organic Solar Cell (OPV)
Dimension:	194 x 158 x 0.6mm
Active Area:	130 x 138mm
Power Output:	0.91mW @ 200lux, 4.97mW @ 1000lux

#### Rechargeable LiPo Battery

Capacity:	3.7V, 900mAh, 3.3Wh
Charging Time USB:	2h

#### Operating conditions with ROOMZ Display

Minimum light:	300 lux (average)
Autonomy at 0 lux:	3 months (estimated)