

In order to get rid of the externally powered  
to the housing of the DSS could decrease mass  
If DSS is integrated further, the mass and inne  
parameters:

Size, Mass, Power consumption.

Required developments:

Integrate FPGA and APS thus reducing power  
( <250 mW required to make DSS2 have the s

Develop solar array on housing concept incl

Change to low power data interface ( LVDS

Miniature connectors necessary

## **Disadvantages**

- No Sun no signal  
( data interface stops )