

## Low Power / Energy Saver by DATA MODUL

DATA MODUL offers a comprehensive portfolio of energy-saving displays from renowned manufacturers. Besides the main advantage of ultra-low power consumption, there comes a wide range of special features for each technology. Compared to transmissive LCD displays, low power solutions are utilizing the ambient light for a high outdoor visibility and can be operated by battery power only. This removes any concerns about power consumption, LED lifetime and heat dispersal. Based on our customer's requirements, we will find the most fitting display solution for a sustainable and energy saving application.

### Variety & Technologies

- > Low power in-house developed x86 Computer-on-Modules and ARM Single Board Computers
- > Low-Power TFTs
- > Memory-In-Pixel (MIP)
- > ePaper

### Applications

- > Wearable or handheld device
- > eReader
- > Electronic shelf label
- > Menu board
- > Vending machine
- > GIS/GNSS
- > Radio unit (e.g. police, firefighters,...)



### Formats & Sizes

- > 2.13" – 31.5" reflective TFT
- > 3.5" – 10.4" transfective TFT
- > 2.0" – 10.4" blanview TFT
- > 1.03" – 4.4" reflective MIPs
- > 1.3" – 4.4" transfective MIPs
- > 0.97" – 42.0" ePaper

### Your benefits

- > Minimal power consumption
- > Battery operation
- > Freestanding installations & wearable devices
- > High outdoor visibility
- > Superior sunlight readability
- > Low heat generation
- > No backlight necessary

### Main Features

- > Low-Power TFT: Great color depth (up to 24bit), from small to large sizes
- > Memory-In-Pixel (MIP): real time performance, full color or monochrome, smaller sizes
- > ePaper: low weight & slim design, zero power consumption to hold an image