

- Affordable with quality components
- Established and well-tested hardware
- Adapted for harsh Nordic climate and light conditions
- Maintenance acces front or rear
- Die cast aluminum cabinets

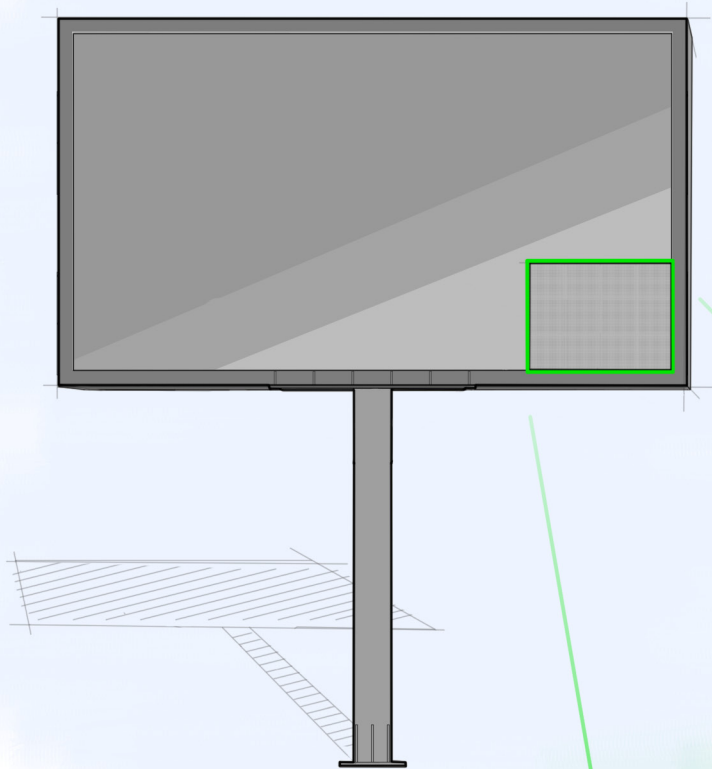
## LED-Screen for outdoor use

Microbus Essential may not look to be the most advanced, but stands on well established and thoroughly tested hardware. Each of the included components have been painstakingly selected to fit the Nordic climate and will withstand the large seasonal differences in weather and temperature.

Microbus Essential is a pure workhorse for those who want to combine affordability with high quality.

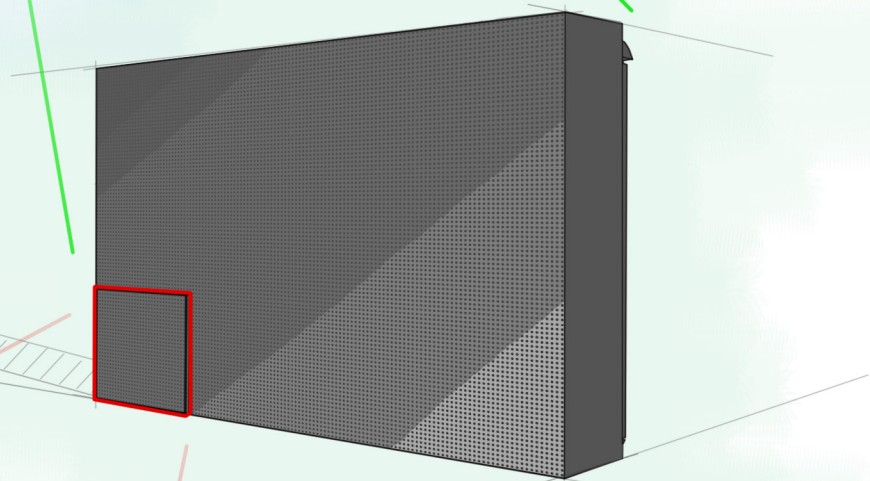
## LED-display

A LED-display come in many different sizes, often a combination of many smaller cabinets



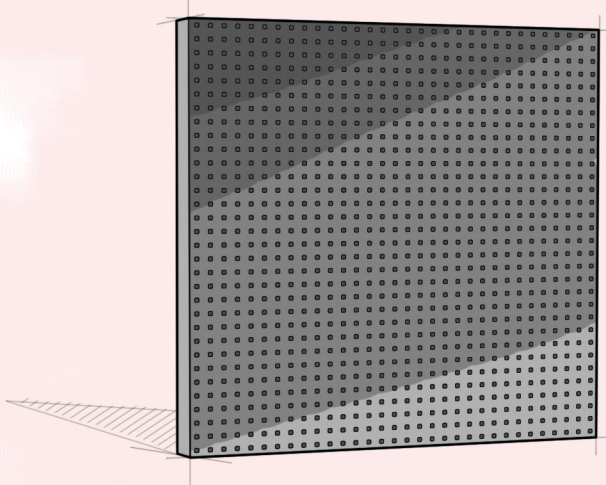
## Cabinet

A cabinet, also known as a panel, is in turn a combination of many smaller modules



## Module

A module is the smallest Screen section in a LED-display



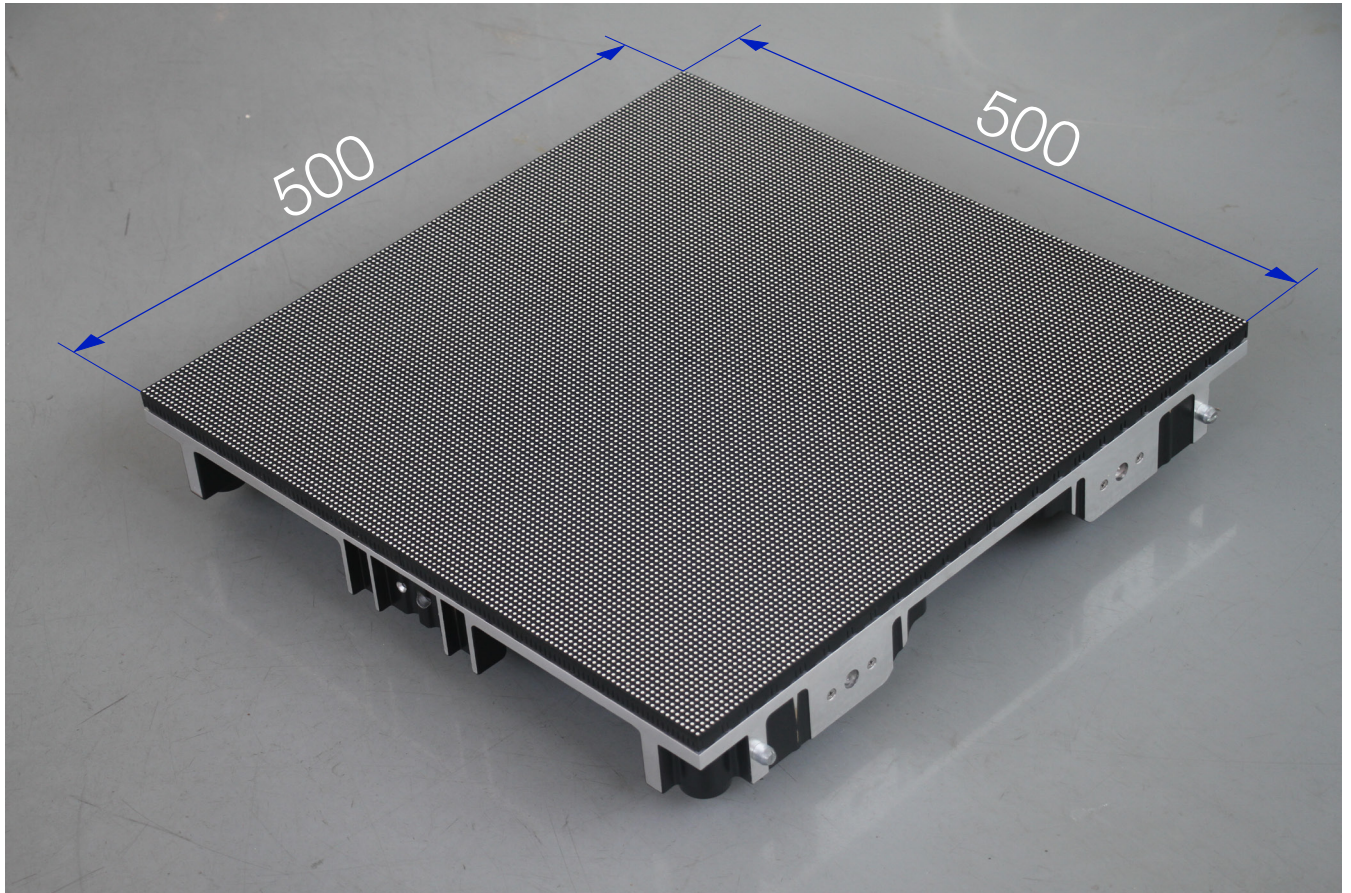


# Essential DC P3,91 SMD

## Cabinet

### Technical data

Type	Essential DC P3,91 SMD
Article number	65-015-22
Pitch	3,91 mm
LED-set	SMD2020
Module dimensions (WxH)	250x250 mm
Connectors	Gold plated
EMI-filter	Yes
Soft start	Yes
Case	Die cast Aluminum, Galvanized steel or Aluminum
Circuit Board	4 layered copper, gold immersed
Protective lacquer	No
Maintenance Access	Front or rear
Brightness adjustment	Automatic
Pixel density	65 356 pixels/m <sup>2</sup>
Pixel configuration	1R1G1B (SMD 3in1)
Visibility angle	H:140°; V:140°
Grey scale	16 bit
Update frequency	≥ 1,920
Weight	≤60 kg/m <sup>2</sup> , ≤45 kg/m <sup>2</sup>
Maximal consumption	750 W/m <sup>2</sup>

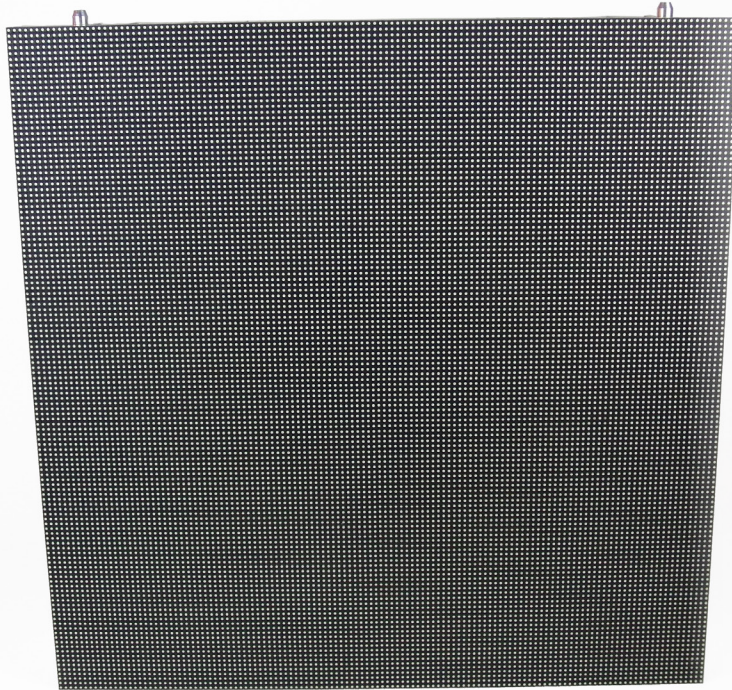


# Essential DC P3,91 SMD

## Module

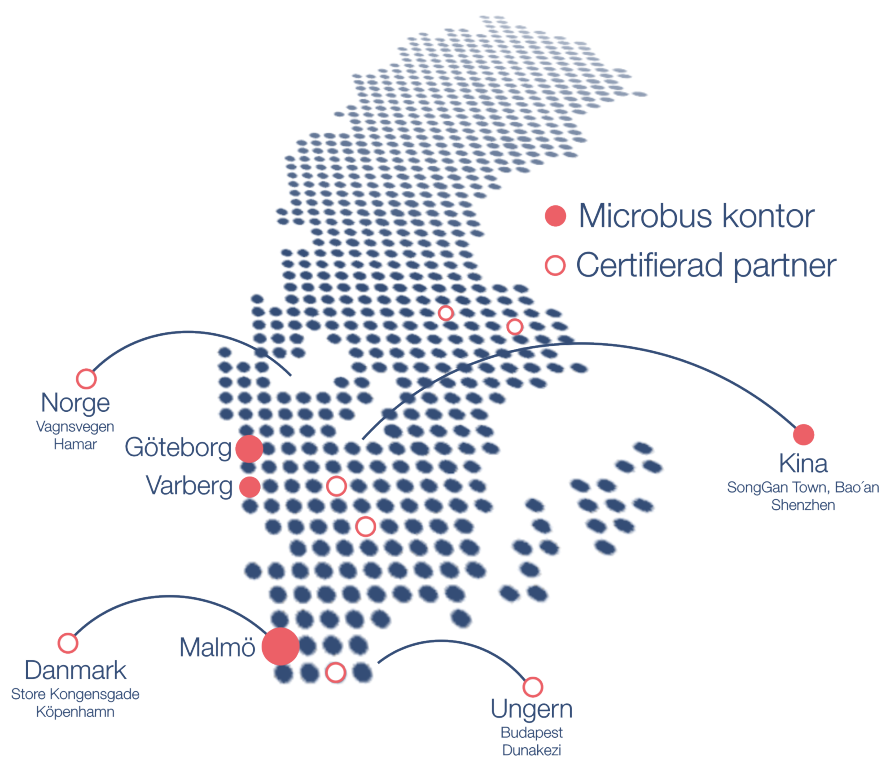
### Technical data

Dimensions Module (WxH)	250x250 mm
Pitch	3,91 mm
Diod type	SMD2020
Resolution (WxH)	64x64 pixels



MICROBUS ELECTRONIC SERVICE AB

# Electronic signs since 1983



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