



- Affordable with quality components
- Established and well-tested hardware
- Multiple maintenance access, front and rear

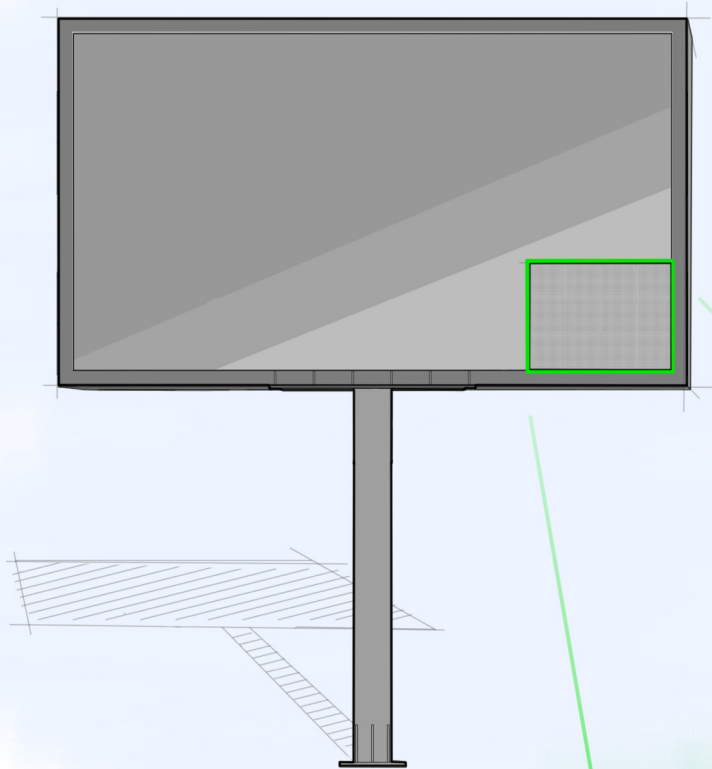
## LED-Screen for indoor use

Microbus Essential may not look to be the most advanced, but stands on well established and thoroughly tested hardware. A great choice for malls, department stores and similar facilities.

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

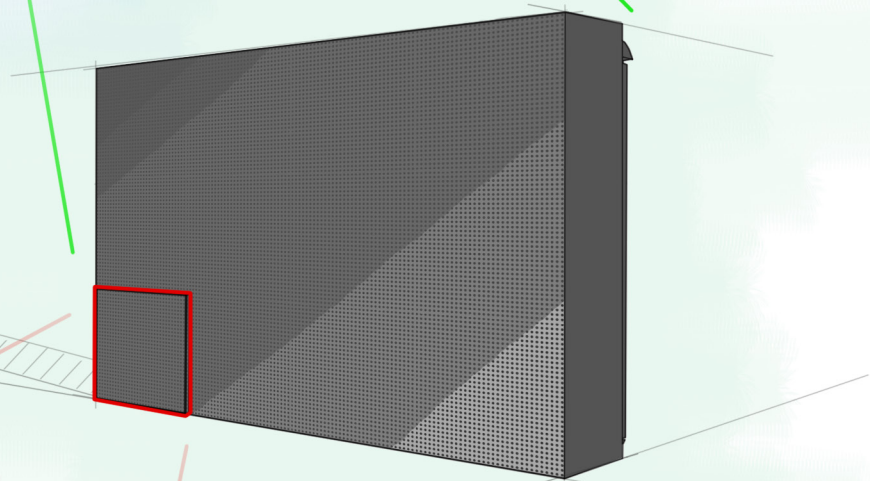
## LED-display

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



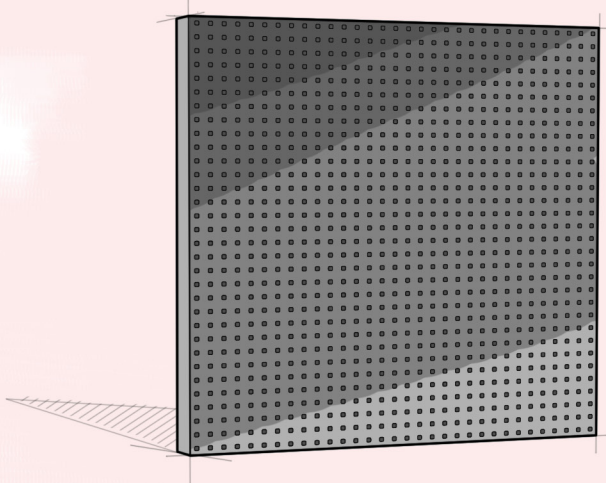
## Cabinet

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



## Module

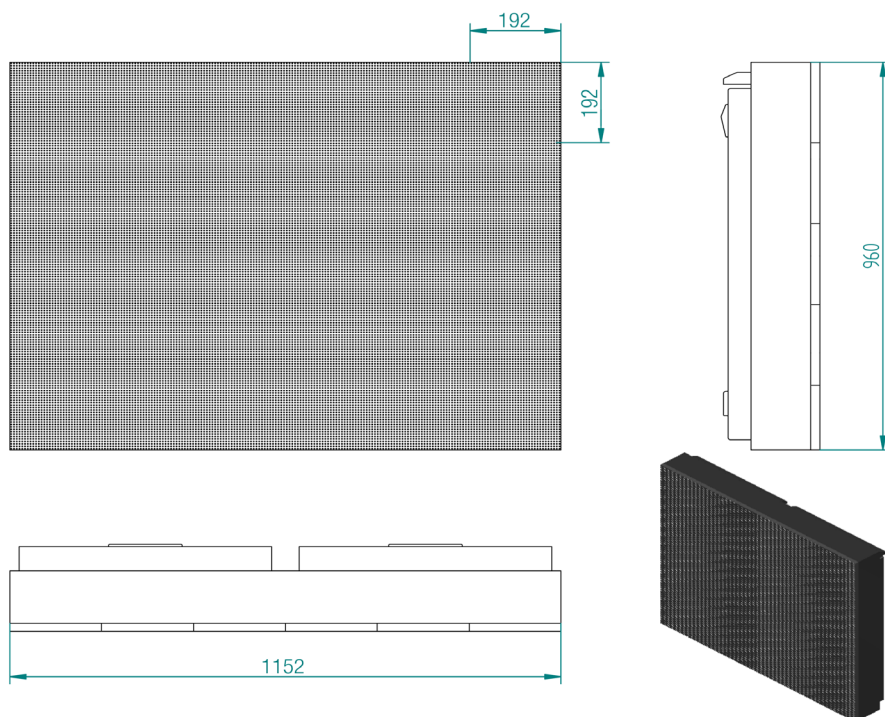
A module is the smallest Screen section in a LED-display



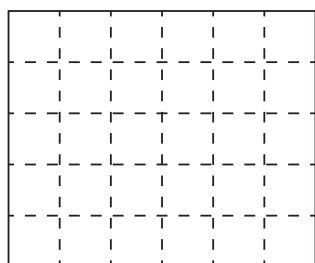
## Cabinet

### Technical data

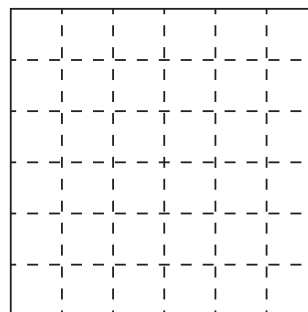
Type	Essential Indoor P6 SMD
Article number	65-010-28
Pitch	6 mm
LED-set	SMD3528
Module dimensions (WxH)	192x192 mm
Connectors	Gold plated
EMI-filter	Yes
Soft start	Yes
Case	Galvanized steel or aluminium
Circuit Board	2 layered copper, gold immersed
Protective lacquer	Yes, extra thick
Maintenance Access	Multiple, front and rear
Brightness adjustment	Automatic
Pixel density	27 777 pixels/m <sup>2</sup>
Pixel configuration	1R1G1B (SMD 3in1)
Visibility angle	H:140°; V:140°
Grey scale	16 bit
Update frequency	≥ 1,920 Hz
Weight	≤60 kg/m <sup>2</sup> , ≤45 kg/m <sup>2</sup>
Maximal consumption	470 W/m <sup>2</sup>



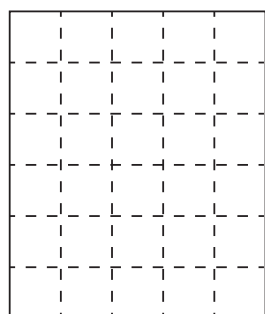
Standard Cabinet Sizes



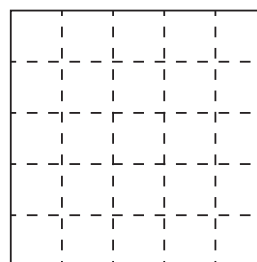
1152 x 960 mm  
192 x 160 pixlar



1152 x 1152 mm  
192 x 192 pixlar



960 x 1152 mm  
160 x 192 pixlar



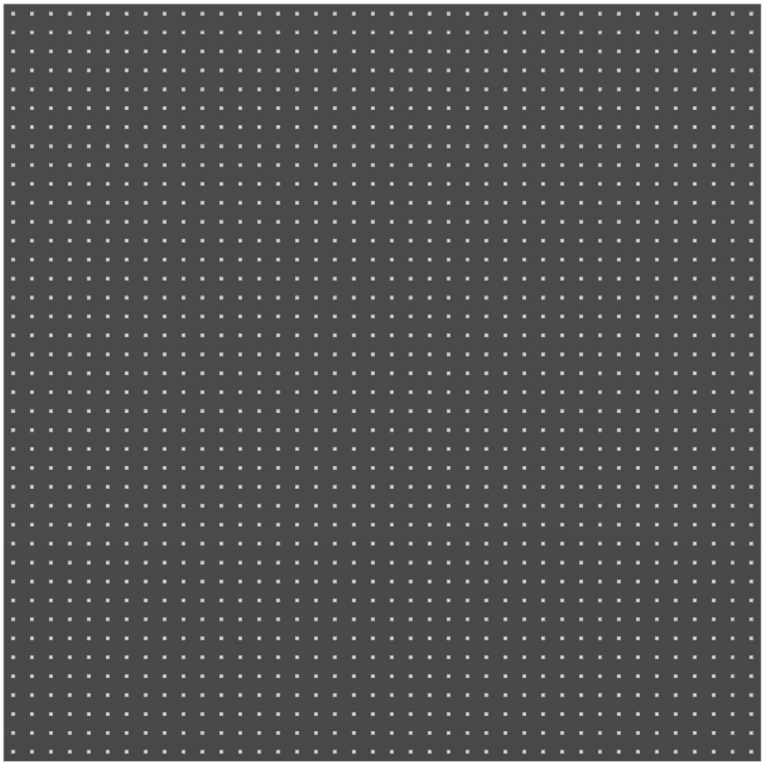
960 x 960 mm  
160 x 160 pixlar

# Essential Indoor P6 SMD

## Module

### Technical data

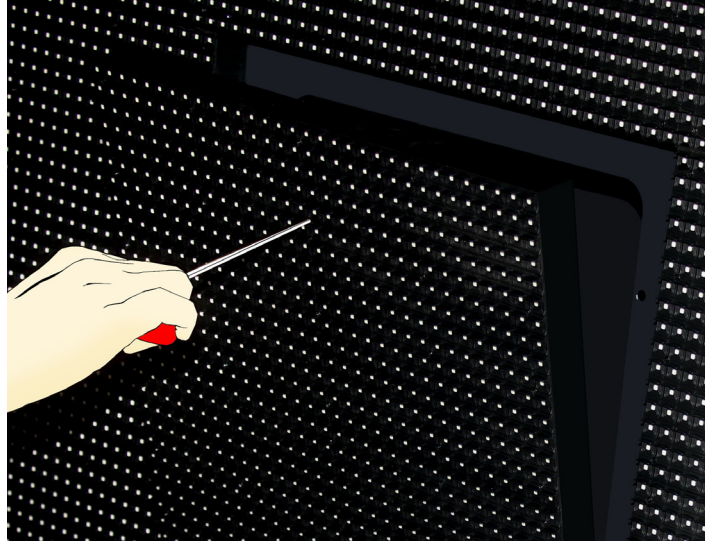
Dimensions Module (WxH)	192x192 mm
Pitch	6 mm
Diod type	SMD3528
Resolution (WxH)	32x32 pixels





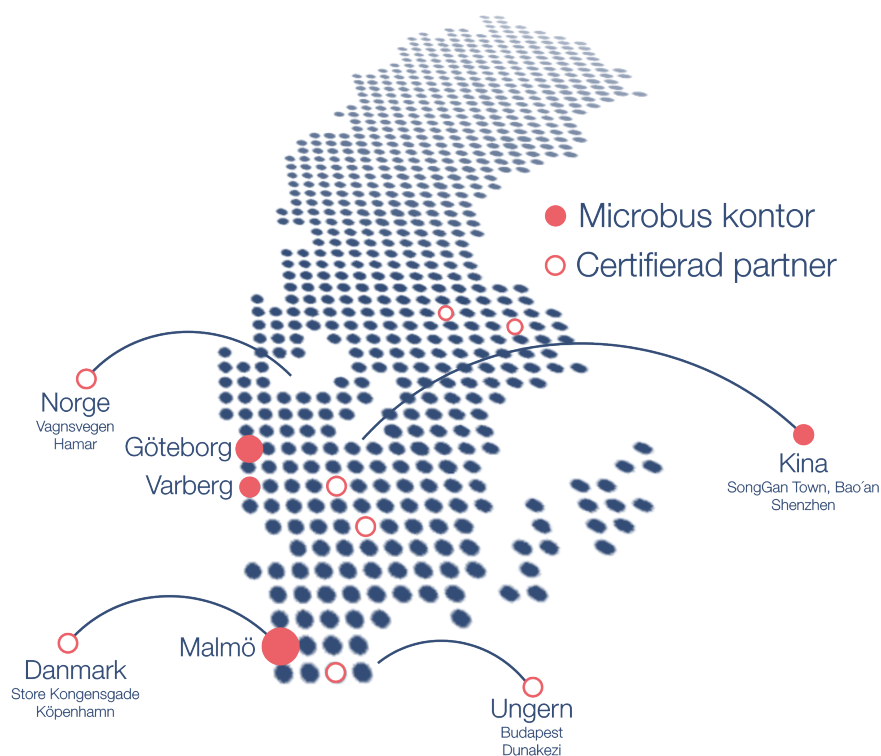
## Fast Dismantling

Essential Indoor P6 SMD has easy access for service maintenance in both front and rear. At the rear there are cabinet doors, opened by key, which allow easy access to modules, power supply, and more. The modules can also be serviced and switched from the front using only a screwdriver.



MICROBUS ELECTRONIC SERVICE AB

# Electronic signs since 1983



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