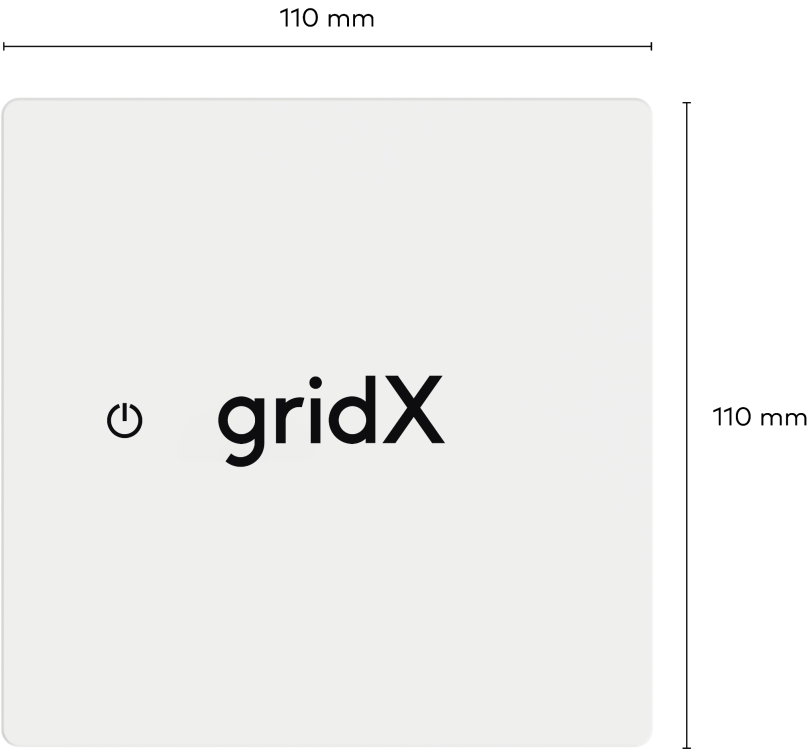
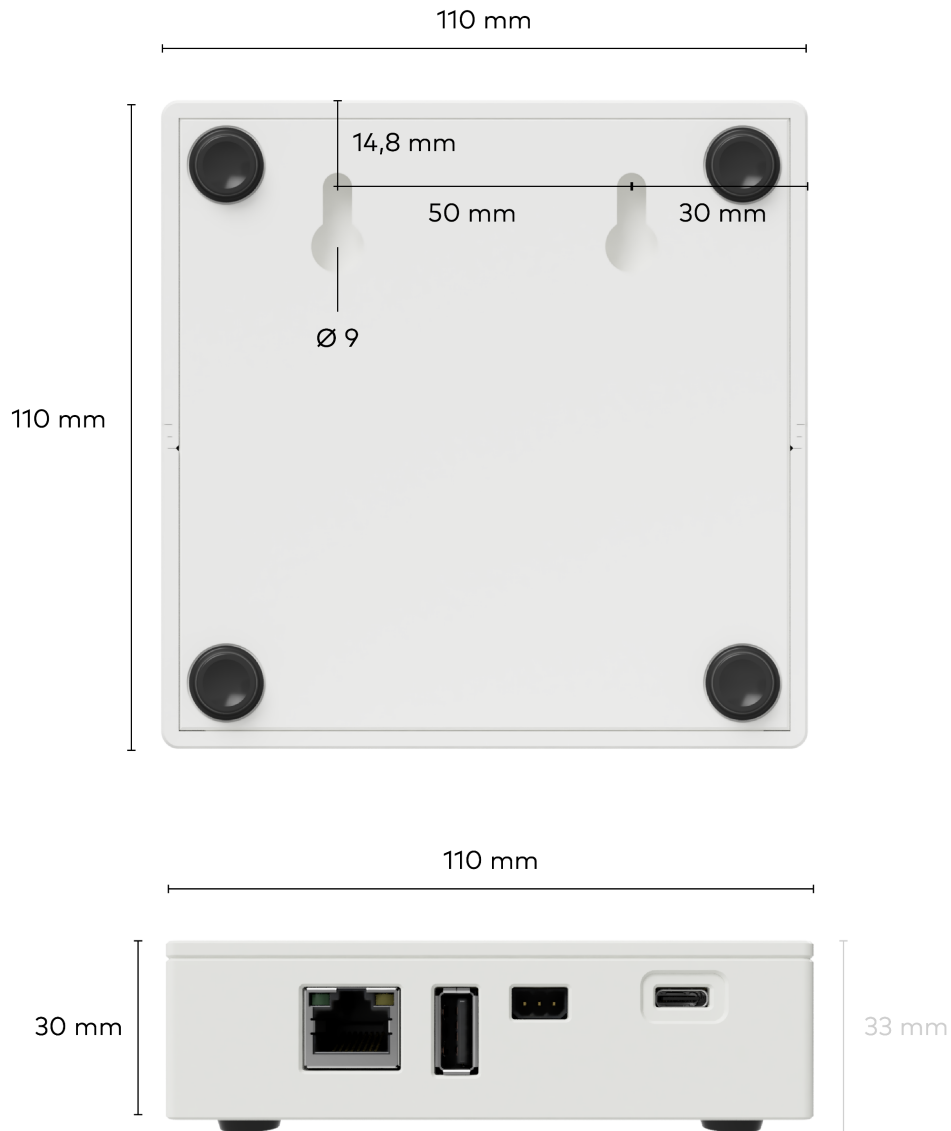


# Data sheet gridBox 5.0

## Technical specifications

Size:	110 mm x 110 mm x 33 mm
Weight:	167 g
Power supply:	5V / 3A DC (USB-C compliant)
Operating temperature:	0°C - 40°C
Humidity in operation	5% - 75%, noncondensing
Case:	PS (white, glossy)
Data encoding:	TLS 1.2 (SSL), 2048-bit extended, Validation Certificate / TLS 1.2 (SSL), 256-bit with elliptical curves/AES-CCM encryption





## Performance

Quadcore CPU 4x 1,5GHz

1 GB RAM

8 GB Flash

## Interfaces

USB-A port (USB 2.0)

10/100/1000 BASE-T Gigabit Ethernet

RS485

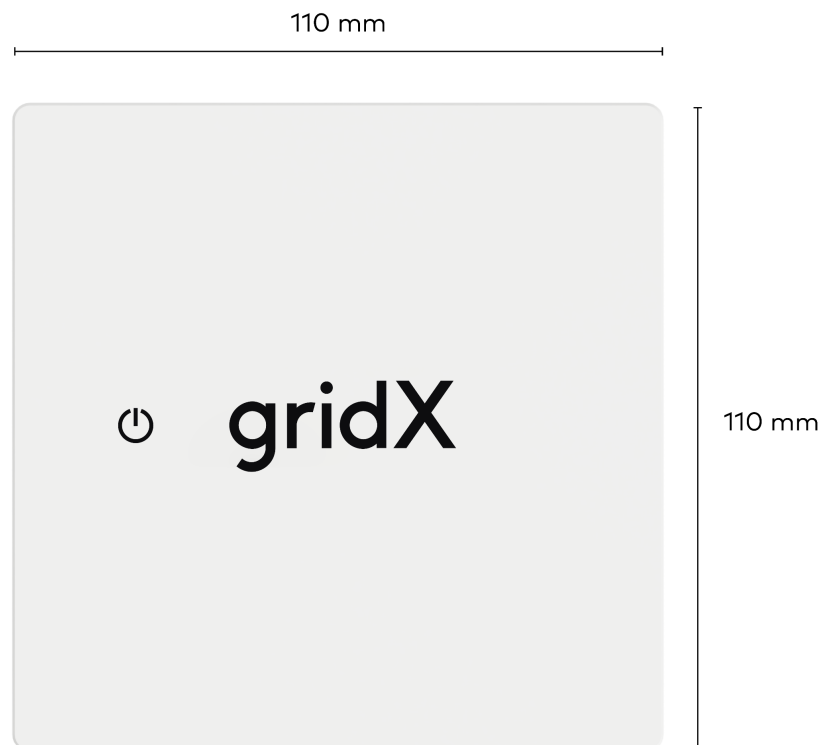
In general, implementation of all network-based protocols (UDP Multicast, HTTP, Soap) is possible. Integration of devices and manufacturers on request. In principle, a connection to all common manufacturers that provide a third-party interface is possible.

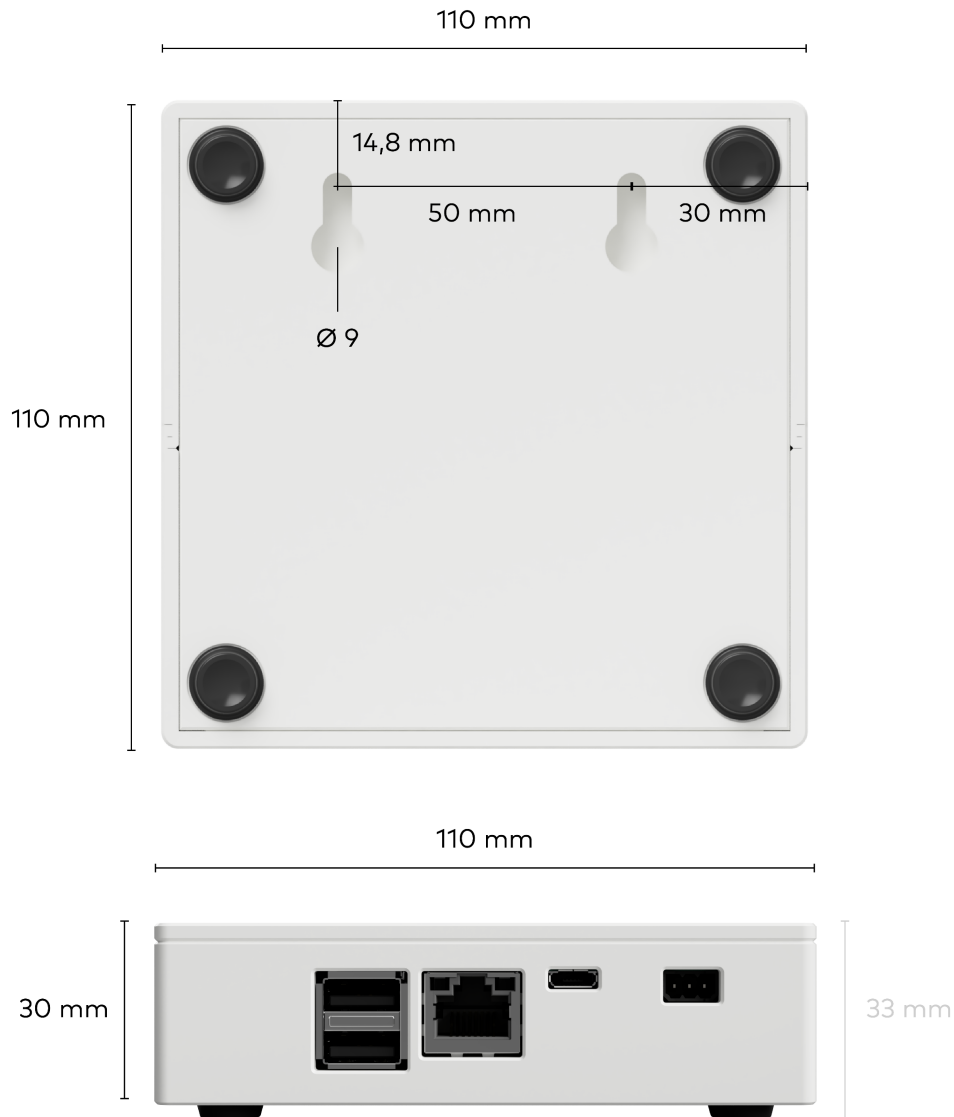
# Data sheet gridBox 4.5s

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## Technical specifications

Size:	110 mm x 110 mm x 33 mm
Weight:	177 g
Power supply:	5V / 2.5A DC
Operating temperature:	0°C - 40°C
Humidity in operation	5% - 75%, noncondensing
Case:	PS (white, glossy)
Data encoding:	TLS 1.2 (SSL), 2048-bit extended, Validation Certificate / TLS 1.2 (SSL), 256-bit with elliptical curves/AES-CCM encryption





## Performance

Quadcore CPU 1,5GHz

1 GB RAM

8 GB Flash

## Interfaces

2x USB 2.0

10/100 MBit Ethernet

optional (with different communication modules): RS232, RS485, RJ12, CAN-Bus, IO-Link

In general, implementation of all network-based protocols (UDP Multicast, HTTP, Soap) is possible. Integration of devices and manufacturers on request. In principle, a connection to all common manufacturers that provide a third-party interface is possible.