

## cBox - Telemetry Box




Simple and compact, the most beautiful way of telematics.

cBox Pro



### Easy. Clever. Compact.

Our aim is to fully equip electric car drivers with their modern vehicle for the world of telematics, packaged in a beautiful, simple and smart design!

Designation	cBox Pro
 Power supply	10 V to 28 V
USB-C	optional
USB-C range of functions	for operating the cBox as a charger (under development)
 Li-Ion battery	inklusive
Li-Ion battery capacity	2000 mAh
 Prozessor	Arm Cortex M4 (64 MHz, FPU) ESP32 (Dual-Core 240 MHz)
 Flash memory	16 GB
 WiFi	optional
WiFi Standards	IEEE 802.11 b/g/n
WiFi Frequenz	2.4 Ghz
 Bluetooth LE	inklusive
Bluetooth LE Standards	Bluetooth 5 Bluetooth mesh

Designation

cBox Pro



Mobile LTE Standards

Cat 4

Mobile Download

150 Mbps

Mobile Upload

50 Mbps

Mobile Frequencies LTE/3G/2G

**Europa:**  
 LTE FDD: B1/B3/B5/B7/B8/B20/B28  
 LTE TDD: B38/B40/B41  
 WCDMA: B1/B5/B8  
 GSM: 900/1800 MHz

**North America:**  
 LTE FDD:  
 B2/B4/B5/B7/B12/B13/B17/B28  
 WCDMA: B2/B4/B5  
 GSM: 850/1900 MHz



GNSS integrierte Antenne

inklusive

GNSS

inklusive

GNSS Systeme

BeiDou  
 Galileo  
 GLONASS  
 GPS / QZSS

GNSS sampling rate

up to 10 Hz



Operating temperature

-35 °C to +85 °C except for the battery



Dimensions

Length 96,0 mm  
 Width 71,2 mm  
 Height 20,2 mm

## Designation

## cBox Pro



## Certificates

ETSI EN300 328  
ETSI EN301 489-1  
IEC 61000-3-2:2014  
IEC 61000-3-3:2013

IEC 62368-1:2014  
CISPR 32:2015, 35:2016  
ECE Nr. 10  
FCC 47 CFR Part 15



## Protection class

IP55 (under review)