DYNCONNECT
Datatransfer Module

Product information

www.cpk-automotive.com

DYNCONNECT

DYNCONNECT is designed to connect vehicles and machines to DYNWEB Cloud Service platform in the easiest and most comprehensive manner in the industry. The device provides standard in-vehicle interfaces such as Ethernet and CAN in addition to its wireless and cellular interfaces. DYNCONNECT's end-to-end management system offers true plug-and-play functionality and allows customers to monitor and manage vehicles and fleets with unrivaled out-of-the-box experience. DYNCONNECT enables applications that range from simple machine data monitoring and data logging, to more advanced functionalities such as prognostics and predictive maintenance.
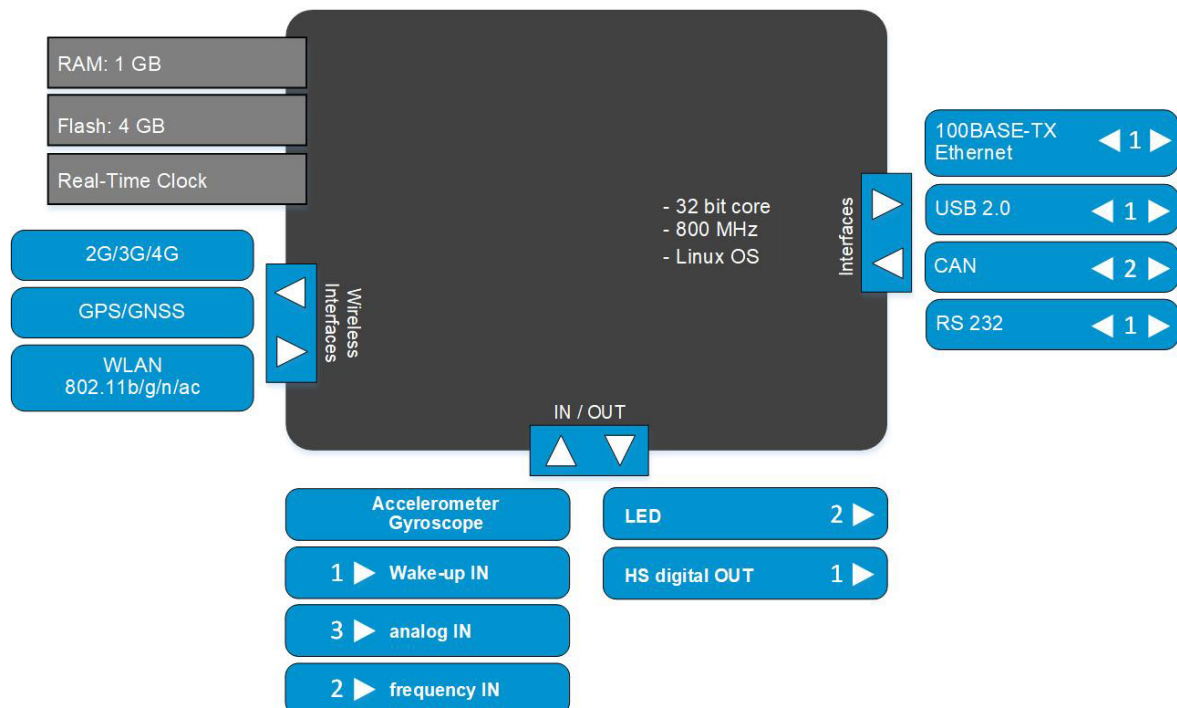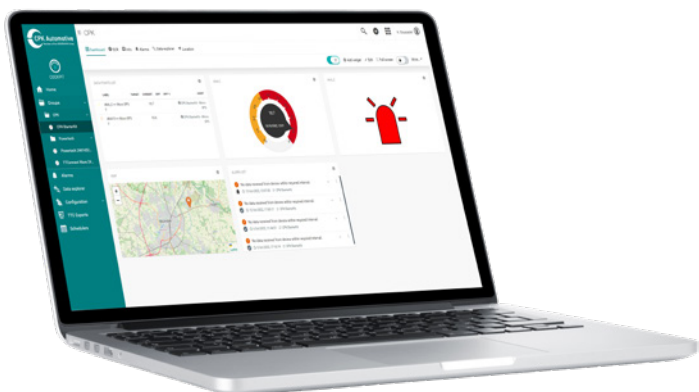
Specification

Unit dimensions	176 x 216 x 40 (With fasteners)	mm
Weight	650	g
Operating Temperature	– 40 to + 85	°C
Supply Voltage	6 to 32	V
Peak Voltage	36	V_{max}
Standby Current	3	mA_{max}
Current	1,3	A_{max}

Features

✔ Over-the-air updates of complete machine software

✔ Simple and intuitive configurable portal: no need for programming

✔ Create and configure alarms

✔ Access to data in real-time

✔ Create and deploy advanced analytics models

Interfaces/Inputs/Outputs

RAM: 1 GB

Flash: 4 GB

Real-Time Clock

2G/3G/4G

GPS/GNSS

WLAN 802.11b/g/n/ac

Wireless Interfaces

- 32 bit core
- 800 MHz
- Linux OS

Interfaces

100BASE-TX Ethernet	◀ 1 ▶
USB 2.0	◀ 1 ▶
CAN	◀ 2 ▶
RS 232	◀ 1 ▶

IN / OUT

Accelerometer Gyroscope

1 ▶ Wake-up IN

3 ▶ analog IN

2 ▶ frequency IN

LED 2 ▶

HS digital OUT 1 ▶

Standards

CE-Mark	2014/30/EU
E-Mark	ECE-R10.05
FCC	Part 15
IC	ICES-003
EMV	ISO 11452-2 ISO 11452-4: 2005
ESD	ISO 13766
Load Dump	ISO 16750-2
Ingression Protection	EN 60529 IP67 ISO 20653 IP 6K9K
Temperature	EN 60068-2-1, -14, -78
Vibration, Shock	IEC 60068-2-64, -27

Unit's housing and connectors with dimensions