



XDK Shop Floor Starter Kit | XDK

The multitool for the factory of the future

PART NO | 6011.000.009¹ | 6011.000.010² | 6011.000.011³ | 6011.000.012⁴

Use the XDK Shop Floor Starter Kit and explore a wide range of possible applications and benefits. The XDK Shop Floor Starter Kit allows you to get started and learn in an Industry 4.0 environment. It contains all the necessary hardware and firmware components to implement four typical industrial use cases.

- ▶ Display of the machine status on Smartphone / Backend
- ▶ Power consumption: conclusions on operating conditions and wear
- ▶ Eight sensor values: conclusions on operating conditions and wear
- ▶ Indoor localization of goods via included BLE beacons

A central component is our Swiss Army Knife for IoT applications, the Cross Domain Development Kit (XDK110) - with eight sensors, Bluetooth Low Energy and WiFi connectivity, the possibility of free programming and expansion with accessories, the XDK is very flexible and widely applicable. In addition, different firmware variants are available to read, visualize and interpret data in a backend via PC, smartphone or tablet. If deviations from the target value occur, you can take countermeasures in time and avoid consequential damage. Increase your productivity now with the XDK Shop Floor Starter Kit.

SCOPE OF DELIVERY

Pieces Components (Hardware & Software)

10	XDKs (flashed with appropriate firmware for backend connectivity, including licenses)
10	USB power supplies
10	Micro SD-Cards
10	Bluetooth Low Energy beacons, GCC 30
5	4-DI-Extensions
3	LEM-Extensions
1	Current measuring adapter (CEE7/4, single phase)

User Documentation

- ▶ Link Card to Quick Start Guide and Backend solution
- ▶ Instructions for safe use



¹ Firmware for use with Bosch Nexeed Production Performance Manager pre-installed

² Firmware for use with Microsoft Azure pre-installed

³ Firmware for use with AWS Cloud pre-installed

⁴ Firmware for use with Bosch IoT Suite pre-installed



OPERATING CONDITIONS

The content of the XDK Shop Floor Starter Kit is authorized for indoor use in light industrial and residential environments. They must not get wet. Any use or operation under deviating environmental conditions may lead to loss of EU conformity and must be validated and tested by the customer on his own responsibility. The products shall not be used in ATEX zones. Bosch Connected Devices and Solutions (BCDS) points out that the product does not implement any requirements on functional safety. Therefore, it is not approved by BCDS for applications under the Machine Directive or any application in which it has role to ensure safety and health of people.

The full text of the EU declaration of conformity for XDK110 and the 4-DI-Extension is available at the following internet address: www.XDK.io/conformity.

TARGET MARKETS

European Union Countries: AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK

And: CH, GB, IS, LI, NO, TR

Further on request

COMMUNICATION INTERFACE

XDK110

Bluetooth 4.0 low energy / Wireless LAN

Micro USB

USER INTERFACE

Features and App

For the connection to established cloud solutions on the market, different firmware versions are available, which are installed on the XDK ex works.

- ▶ ¹ Bosch Nexeed Production Performance Manager
- ▶ ² Microsoft Azure
- ▶ ³ AWS Cloud
- ▶ ⁴ Bosch IoT Suite

For more technical details regarding the XDK110 and the components, please respect the corresponding information, that is available at our Website or contact us directly.

GET IN CONTACT WITH US!

E-Mail: support@bosch-connectivity.com

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