APP Ecosystem (CODESYS, Node-RED)

Custom Software

Containerization

u-OS
u-mation edge solutions

Industrial IoT

Industrial Automation

Data to Value —
Sensor to Cloud & Beyond
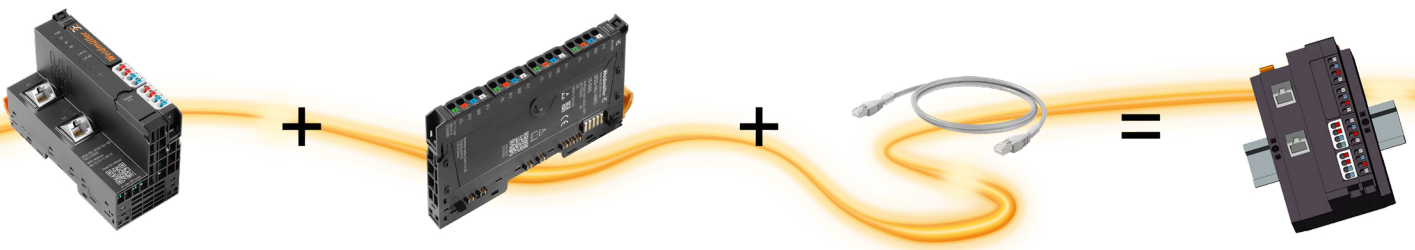
Open

Flexible

Independent

u-OS Starter Kit — Where Industrial IoT Meets Automation

One Order Number. Four Components. Endless Possibilities.

Starter Kit Components in Detail

u-OS is your open operating system made for Industrial IoT and Automation. u-OS seamlessly integrates automation and digital technologies in one unified environment.

CODESYS APP is pre-installed on the starter kits! CODESYS licenses are available from Weidmuller or directly from CODESYS.

u-control 2000 is one of the most compact and state-of-the-art control systems on the market and is the centerpiece of our Remote I/O hardware portfolio, u-mation.

u-remote offers freedom to create a flexible I/O architecture, real-time data transmission and diagnostics via an integrated web server. With over 80 I/O modules, u-remote seamlessly interfaces with almost any PLC.

Weidmüller

General Ordering Data

Description	Type	Order No.
u-OS Starter Kit		
u-OS Starter Kit – parts bundle under one order number	STR-KIT-u-OS	**8000135720**
Included in each kit		
u-OS Controller, IP20, u-control 2000 web, preconfigured with CODESYS	UC20-WL2000-AC	**1334950000**
Remote I/O module, IP20, Digital signals, Input, Output, 8-channel	UR20-8DIO-P-3W-DIAG	**2456530000**
USB cable, USB A, USB Micro, PVC, 1.8 m	IE-USB-A-MICRO-1.8M	**1487980000**
Patch cable, RJ45 IP 20, RJ45 IP 20, Cat. 2 m	IE-C6FP8LD-0020M40M40-D	**1165940020**

u-OS is Free!

u-OS: Your Open Operating System Where Industrial IoT Meets Automation

u-OS = Open. Experience unmatched integration with u-OS's open architecture, effortlessly incorporating your proprietary applications and cloud connectivity for simplified edge computing.

u-OS = Flexible. Tailor u-OS to your unique needs with an intuitive App Manager, facilitating access to diverse apps like CODESYS and Node-RED for endless innovation and scalability.

u-OS = Independent. Embrace freedom with u-OS, built on open standards like Linux and Containers to ensure future-proof resilience and easy system migration.

u-OS + CODESYS · OPC UA · Node-RED · portainer.io · **easyConnect** The Industrial Service Platform · Siemens Industrial Edge · Microsoft Azure Certified Device

Want to learn more about our automation solutions?

Contact us today!

u-remote

u-control

u-OS

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