



CoDeSys Starter Kit PLC programming the easy way



- Mini-PC Ventura Skaleo 100
- Ventura FIO DI16/DO16
- Programming cable & power supply
- Software & documentation on CD



With its emphasis on scalable functionality and connectivity, the new **Mini-PC Skaleo** truly lives up to its name. It offers the unlimited intelligence and computing power of an IPC, but features neither larger drives nor a built-in display interface. It also can only be accessed via Ethernet, as well as its RS-232 and RS-485 interfaces. On the other side, it is available at a considerably lower cost level than any conventional IPC and is small enough to be mounted on any standard top hat rail. Being part of the

KUHNKE automation platform Ventura, the **Mini-PC Skaleo** can be extended with any number of directly attachable I/O and gateway modules to serve as a versatile and tailor-made solution for machine control. The additional extender module allows the connection of an additional EtherCAT® slave.

The idea behind the **Starter Kit** is to familiarize you with the CoDeSys programming system in combination with KUHNKE hardware. CoDeSys (Controller

Development System) is a hardware independent programming software designed to develop machine control applications. This programming system allows you to program the **Mini-PC Skaleo** according to the international standard IEC 61131-3. You will get to know the basic procedures for developing automation solutions with KUHNKE hardware. The enclosed CD includes typical applications to provide a detailed explanation of both software development and connection of the software with KUHNKE.

Order

Simply use this fax form for ordering the unit.

FAX: +49 (0)4523 / 402 58 210

or email to: machinery@kuhnke.de

_____ CoDeSys Starter Kit(s) (max. 3 kits per company)

Name

Company

Department

Address/P.O. Box

ZIP/City

Phone

Email

It is intended to use the CoDeSys Starter Kit in combination with the following FIO I/O modules (max. 2 additional modules)

Order number of CoDeSys Starter Kit: 694.300.99

Contents

- Mini-PC Ventura Skaleo 100
- Ventura FIO DI16/DO16 (digital input and output terminal)
- SD card (memory card)
- Programming cable & power supply
- Software
- Documentation on CD (CoDeSys 2.3 and exemplary projects)

Technical data Mini-PC Ventura Skaleo 100

I/O expansion	via connector at the side of the unit
Field bus expansion	via extension module EtherCAT 100 Mbit/s
Communications interfaces	Ethernet, RS-232, RS-485
Programming system	CoDeSys 2.3
RAM	8 MB (256 kB for PLC software)
Flash-EPROM	8 MB (approx. 6 MB for PLC software)
Remanent data	1 kByte
Integrated functions	1 DI, 24 V, 1 ms input, interrupt enabled
Integrated equipment	Real-time clock, Web server



Date, signature, stamp



Kuhnke Automation
GmbH & Co. KG
Lütjenburger Straße 101
D-23714 Malente

Phone +49 (0) 45 23 / 402-0
Fax +49 (0) 45 23 / 402-201
automation@kuhnke.de
www.kuhnke.com

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