

Kuhnke Scout 706 PLC with 7" touch panel

With an EtherCAT master and two additional CANopen interfaces the new CODESYS control Kuhnke Scout from Kendrion can be used as a HMI and control unit. The additional PCIe slot also offers more field buses like PROFIBUS or PROFINET. An efficient engineering is ensured by a simple CODESYS V3 programming. Furthermore Kuhnke Scout has 4 digital inputs and outputs. The embedded system is based on a scalable single or multicore i.MX6 processor technology combined with a 7" to 15.6" TFT touch display. All components are robust and long-term available. Whether standard or customized the all in one solution is the better alternative in many devices and compact machines.



Features

- Fanless i.MX6 processor technology
- Industry standard interfaces
- Expandable with miniPCIe
- CODESYS V3, RTC

Technical data	
Type	Kuhnke Scout 706
Display size / Resolution	7" / 800 x 480 (WVGA)
Dimensions (W x H x D)	194 x 151 x 59 mm (Version ET 194 x 172 x 59 mm)
Touch screen	4-wire analogue resistive
Processor	CPU Freescale i.MX6 Solo, 800 MHz
Operating system / Software	Operating system: Windows® Embedded Compact 2013 Application: CODESYS V3 Soft PLC with TargetVisu, optional WebVisu
RAM / Non-volatile memory	512 MB RAM, 128 kB non-volatile memory
Drives	Flash disc 256 MB, SD-card slot
Interfaces	2 x Ethernet 10/100Mbit, 1 x RS-232, 1 x RS-485 galvanically isolated 2 x USB 2.0 host
Field bus interface	1 x CAN, 1 x CAN galvanically isolated, Modbus RTU, EtherCAT® over Ethernet
Integrated I/Os	4 DI: Delay: 1 ms (Interrupt) 4 DO: Load: 0.1 A / Highside-semiconductor
Extension slot	miniPCIe for extension cards
Front panel	IP 65, aluminium with seamless film cover RAL 7035, protection against dust, dirt and splash water
Power supply	24 V DC / (19.2 ... 28.8)

We reserve the rights of modification, omission, error with respect to the products. Illustrations similar. All rights reserved by the individual copyright holders. EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany. Safety over EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany. Microsoft®, Windows® and the Windows® Logo are registered trademarks of Microsoft Corporation in the USA and other countries. At www.plcopen.org you will find more information about PLCopen Organisation. CODESYS is a product of 3S-Smart Software Solutions GmbH. CiA® and CANopen® are registered community trademarks of CAN in Automation e.V.