

Kuhnke Scout

Control Technology

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 an HMI and control unit.

The simple CODESYS V3 programming ensures an efficient engineering. Furthermore, Kuhnke Scout has optionally 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
- Front with seamless film cover
- CODESYS V3, real-time clock



Technical data	Kuhnke Scout 706
Display size / Resolution	7" / 800 × 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 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, 1 x CAN, 1 x CAN galvanically isolated
Field bus interface	2 x CANopen, Modbus RTU/TCP, EtherCAT® over Ethernet, OPC UA
Integrated I/Os (Option)	4 DI: Delay: 1 ms (Interrupt) 4 DO: Load: 0.1 A / Highside-semiconductor
Front panel	IP 65, aluminum with seamless film cover RAL 7035, protection against dust, dirt and splash water
Power supply	24 V DC / (19.2 ... 28.8)
Approvals	CE industrial environments