

Scout

Control Technology

Scout 1206

PLC with 12,1" touch panel

With an EtherCAT master and two additional CANopen interfaces the new CODESYS control Scout from Kendrion can be used as a HMI and control unit.

The simple CODESYS V3 programming ensures an efficient engineering. Furthermore, 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	Scout 706
Display size / Resolution	12,1" / 800 × 600 (SVGA)
Dimensions (W x H x D)	320 x 265 x 56 mm
Touch screen	4-wire analogue resistive
Processor	CPU Freescale i.MX6 Solo, 1 GHz
Operating system / Software	Operating system: RT Linux 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

NH4521

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