

It's easy with everything on the screen.



Control and visualization functions in one compact unit.

The two robust p300 and p500 panel controllers are based on a uniform, modern system architecture.

The p300 combines logic (PLC) and visualization functions in a single unit and is particularly impressive when used as an HMI.

The p500 panel controller also combines motion functionality with logic (PLC) and visualization functions in a single device. It is ideally suited for use as a control and visualization system in applications with central motion control or as a visualization device in applications for decentralized motion control.

Features

- For basic to complex control and visualization tasks
- Design does not include a battery or fan providing no required maintenance
- High degree of system availability
- Integrated UPS solution
- Easy device replacement as a result of pluggable memory card

p300 and p500 – at a glance



Logic (PLC), motion and visualization in a single device

- Optimized for machines/modules with central motion control
- Easy engineering due to central data storage



Easy to use

- Automated standard set-up and data backup via USB flash drive
- Easy device replacement as a result of pluggable memory card
- Diagnostics through integrated web server



High degree of system availability

- Maintenance-free
- No cooling fan
- No battery



Prepared for future compliance for industrial standards

- Programming in IEC61131-3
- Motion as per PLC open, with p500
- PLC Designer based on CoDeSys 3



Communicative

- Linear cabling through integrated Ethernet switch (only p500)
- EtherCAT as a fast bus system directly on board
- Precise tailoring as a result of modular extension options



Variable front panel concept

- Easy customizing of the front panels (foils, smart customizing)

Mode	p300			p500		
Screen diagonal	4.3 in (10.9 cm)	7 in (17.8 cm)	10.4 in (26.4 cm)	7 in (17.8 cm)	10.4 in (26.4 cm)	15 in (38.1 cm)
Processor type						
No cooling fan	ARM Cortex A8 800 MHz			Intel® Atom™ 1.75 GHz		
Memory						
SD card	≥512 MB			≥512 MB		
RAM	512 MB			2 GB		
Flash memory	2 GB			4 GB		
Interfaces						
Ethernet	1			2		
EtherCAT	1			1		
CAN	1					
USB	1			2		
Resolution	480 x 272	800 x 480	800 x 600	800 x 480	800 x 600	1024 x 768
Option	PROFINET Device			CANopen EtherNet Adapter PROFIBUS Slave PROFINET Device RS232/RS485		
Operating system						
	Windows® Embedded Compact 7			Windows® CE 6.0		
Touch						
	Resistive			Resistive		
Retain memory size						
	128 kB			1,024 kB		
Runtime software						
	Logic			Logic		
				Motion		
	VisiWinNET® Compact CE 500 or 1000 Power Tags			VisiWinNET® Compact CE 1000 Power Tags		