

Castor Series



5.6", 8", 10", 12" and 15" Screens
520 MHz Xscale 32-Bit CPU
65,635 Color Touchscreen
16MB SDRAM Memory
8 MB Flash Memory
SD Expansion Slot
Profibus DP Card
CANopen Card
MPI Card
1 Ethernet Port
2 Serial Ports
1 Video Port*
1 Audio Port
2 USB Ports

High Performance

At the heart of the Castor Series high performance touchscreen HMI sits a fast 32-bit Xscale 520 MHz CPU delivering speed and power to handle complex tasks rapidly.

Power, Performance and Price put the Castor ahead of the market. Two serial ports, two USB ports and Ethernet connectivity together with Profibus-DP, MPI and CANopen communication cards allow for excellent connectivity. Multiple serial ports connect to multiple controllers, running different protocols, operating simultaneously.

Castor series operator interfaces can be remotely accessed. Remote monitoring, data download or new application uploads are possible.



Five TFT touchscreen screen sizes to select from, all supporting 65,356 bright vivid colors, offer a suitable solution to match every application environment.

Users can customize a machine, system or application by displaying any logo of their choice (JPEG, GIF or BMP) at power-on.

Software functions include:

- Includes drivers to all major PLCs
- Remote access, application upload / monitoring
- Multi-Language support
- Custom Logo at power-on
- Event logging
- Power-loss protected Recipe Memory
- Extensive graphics library / Import custom library / Tag, Group and Sound Libraries.
- Powerful and easy to use C-Language Macros
- Design over 2000 screens in one application
- Windows True Type Fonts
- Link multiple HMIs (up to 32)
- Stream live Video (12" / 15" models)
- Bar graphs, TTrend graphs, Meters, Recipes, Data sampling, Data transfer, Alarms, Events, Lamps, push-buttons, switches
- Online / Offline simulation modes
- Custom Drivers

Priced as low as \$499.00 (Castor 5.6" model including configuration software), the Castor series is not just powerful and versatile, but also designed to fit your budget.

Castor Series Specifications



	Castor-56	Castor-80	Castor-104	Castor-121	Castor-150
Screen Size	5.6" TFT	8.0" TFT	10.4" TFT	12.1" TFT	15.0" TFT
Resolution	320 x 234	640 x 480	640 x 480	800 x 600	1024 x 768
Colors	65,356 Vivid Bright Colors Support				
CPU	32-Bit 520MHz. Intel Xscale Central Processing Unit				
Memory	16 MB SDRAM and 8 MB Flash Memory				
Expanded Memory	Slot for 1GB SD Expandable Memory				
Recipe Memory / RTC	512KB Secured Recipe Memory / Real Time Clock				
Serial Ports	2 Serial Ports (RS232 / RS485 / RS422)				
Ethernet Port	1 RJ45 Ethernet Port				
USB Port	2 USB Ports				
Video Port	2 Video Interfaces provided on 12" and 15" models				
Audio Port	On all models except for the Castor-56 model				
Profibus-DP Direct Interface	All models support Profibus-DP communication board option				
CANopen Direct Interface	All models support CANopen communication board option				
MPI Direct Interface	All models support MPI communication board option				
Remote (www) HMI access	Supports s remotel application or data up/downloading				
Multi PLC connectivity	Simultaneous connectivity to multiple PLC with different protocols supported				
Custom Logo at Power-On	Included as standard feature				
Configuration Software	Free of Charge Configuration Software provided				
Communication Drivers	Drivers to most major controllers included. Custom drivers on request				
Power Supply	21~28V DC, working current Max.130mA @ 24V / Startup Max.180 mA @ 24V				
Operating Temperature	0~45C (Castor-56), 0~50C on all other models				
Enclosure Dimensions	204x150x57mm	235x175x58mm	310x230x58mm	350x264x47mm	406x313x45mm
Installation Cutout Size	192x138mm	192x138mm	192x138mm	192x138mm	192x138mm
Warranty	36 Month Warranty (Optional extension to 60 months)				

