

# Adept SmartController™ CX

## Specifications

Dimensions	328 x 187 x 80
Operating power	24VDC +/- 10%
	5A

### Environment:

Temperature	5° C to 40° C
Humidity	5 to 90%, non-condensing

### Mounting options:

- Panel mount (kit included)
- Desktop
- Rack

### Memory

- 30 MB CompactFlash
- 32 MB RAM

### Conveyor Belt Tracking support (requires V+ Extensions)

### Digital I/O

Inputs	12 optical isolated
Outputs	8 optical isolated

### Communication Interfaces:

- RS-232 serial port (3x)
- RS-422/485 serial port (1x)
- 10/100Base-T Ethernet
- DeviceNet
- SmartServo interface (2x)
- IEEE 1394 (2x)\*

### Software:

- V+ real-time multi-tasking operating system and programming language
- PC user interface software

### CE Compliance

### Adept Robot Support:

- Adept Cobra s-series
- Adept Viper s-series
- Adept SmartModules



The Adept SmartController CX is a high-performance robot and vision controller based upon Adept SmartServo architecture. Its distributed processing architecture improves performance by freeing up 30% of the processor's resources. The Adept SmartController CX features a faster processor and conveyor belt tracking support, and optional vision guidance support. It also features several high-speed communication interfaces, including Fast Ethernet and SmartServo™.

SmartServo is the Adept IEEE 1394-based communications interface, which is the backbone of Adept distributed controls architecture. SmartServo supports a wide range of Adept robots, Adept SmartMotion, Adept motion-control interface for 3rd party mechanisms, as well as support for digital I/O expansion products.

The Adept SmartController CX platform offers unmatched scalability in an industrial robot controller.

# Adept SmartController™ CX

## Options

AdeptVision Guidance

T1 Pendant

sDIO

- 32 optical isolated digital inputs
- 32 optical isolated digital outputs
- Max. 8 sDIO per CX controller

V+ Extensions license

AIM Software

Various Kinematics Models (call for details)

## Operating Voltage

24VDC (+/- 10%), 120W (6A), User-Supplied

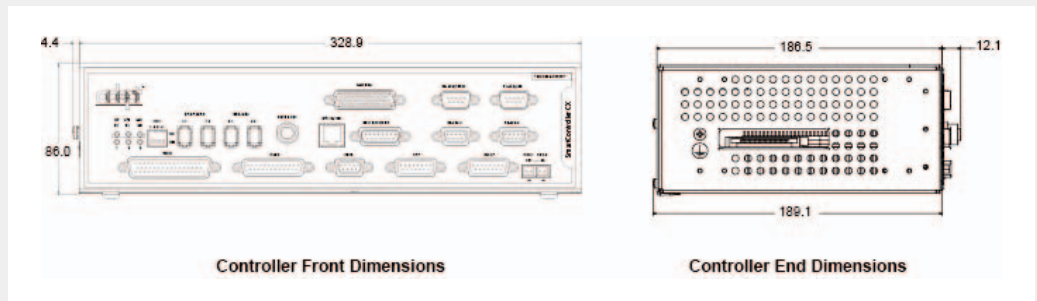
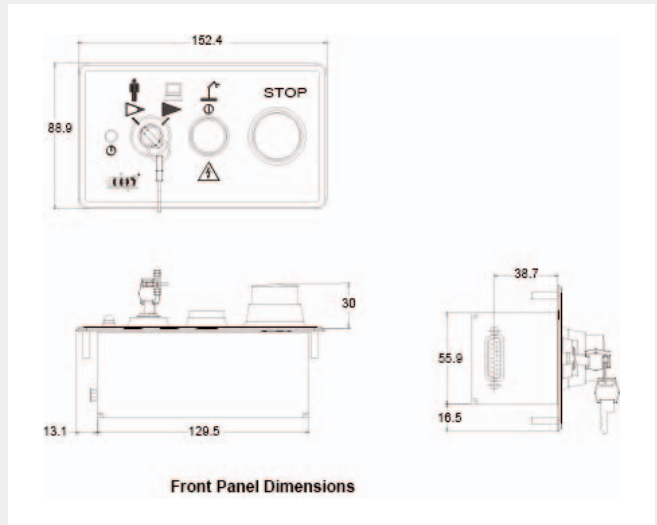
## Downloads

Download CAD files from [www.adept.com](http://www.adept.com) using the following download ID's:

SmartController CX	136358
Front Panel	135905

## For More Information

Call (763) 682-9548 or (800) 226-6385.



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