

Adept SmartVision EX

Specifications

Dimensions (mm) 329 x 186 x 64

Weight 6 lbs., 2.7 kg

Power Requirements

24 VDC (± 10%), 150 W (6 A)

Environmental Requirements

Ambient Temperature 5 - 40 °C

Humidity Range 5 - 90 %
(non-condensing)

Mounting Options

Panel mount (kit included)

Rack mount

Stack mount (kit included)

Desktop

Memory

Type DDR2

Size 2 GB

Hardware

Intel® Core™2 Duo
(Dual, 64-bit cores @ 2.16 GHz)
80 GB hard drive

Operating System

Windows® XP Embedded

Front Panel Interfaces

10/100/1000 Ethernet (2x)

USB 2.0 ports (4x)

RS-232 ports (DB9M) (2x)

VGA (HDB15F) (1x)

DVI (1x)

PS/2 Mouse & Keyboard Connectors (1ea)

Audio In/Out (1ea)

Internal Connections

1x USB 2.0 Internal jack for USB
license dongle

2x PCI-Express Slots for expansion cards

CE Compliant



The Adept SmartVision™ EX is a high-performance machine-vision processor that supports all machine-vision, conveyor tracking, and robot guidance applications. Boasting an ultra-compact form factor, the SmartVision EX seamlessly integrates with Adept's hardware and software product line, or can be used as a standalone vision inspection unit.

Product Features and Benefits

- High-performance, compact, and scalable machine-vision processor
- Loaded with Adept ACE™, and optimized to run AdeptSight™ and ACE PackXpert™
- Standard solution platform for hundreds of applications
- Provides embedded support for IEEE-1394a, IEEE-1394b, and GigE cameras
- Dedicated, multi-channel image acquisition for faster vision response time
- Seamless connectivity to Adept SmartController™ CX

Adept SmartVision EX

Dimensions: Adept SmartVision EX (mm)

The SmartVision EX is designed to seamlessly integrate with the Adept SmartController product line.



Adept SmartVision EX enables users to deploy vision guidance and inspection applications through AdeptSight



POWERED BY ADEPT ACE

Adept ACE is a fully-integrated application development environment.

Options:

- IEEE-1394a PCIe adapter, 2 ports
- IEEE-1394b PCIe adapter, 3 ports
- Pro/1000 Gigabit Ethernet PCIe adapter, 1 port
- Optically Isolated Digital I/O PCIe adapter (16 in/16 out)
- AdeptSight vision guidance and inspection software
- ACE PackXpert application software
- IEEE-1394a camera kit
- IEEE-1394b camera kit
- GigE camera kit



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Specifications subject to change without notice.

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