



MX40 VISION PROCESSOR

The MX40 Series is a ruggedized and compact embedded vision processor that features Intel® multi-core processors and four independent PoE (Power over Ethernet) camera ports. The MX40's long-life embedded components provide a very robust and reliable vision system for critical inspection applications. The MX40 eliminates the need to purchase and install multiple cameras thus saving additional costs and reducing setup and networking time.

- Mid performance Embedded System
- Intel® P8400 dual-core 2.26 GHz processor
- Up to four cameras connected
- Windows XP® operating system

HIGHLIGHTS

Multi-camera capability – Reduces integration costs on a per camera basis and allows data collection and analysis from multiple inspection points.

- Supports over 100 different GigE Vision cameras including line scan, high resolution and ingress protection rated cameras – Provides access to the largest selection of cameras
- Allows use of different cameras formats and resolutions on one processor – Offers easy setup resulting in reduced integration costs
- Complete Impact software suite included for ultimate programming flexibility – Addresses any inspection and user interface needs
- 4 Channel Power over Ethernet (PoE) camera ports – Integrates easily. PoE compliant cameras need no power cables and support up to 100 meter cable lengths

SPECIFICATIONS

CPU	Intel® P8400 dual-core 2.26 GHz
SYSTEM MEMORY	4 GB DDR3 RAM
STORAGE 40 GB SSD 40 GB SSD	40 GB SSD 80 GB SSD (Win 7)
GRAPHICS	Intel® GM45/ICH9 video chipset (1600 x 1200 resolution), VGA
CAMERA INTERFACE	4x 1000 Mbps Base-T, PoE camera ports (up to 7 W per channel)
CAMERA IMAGER LIMIT	None
NETWORK INTERFACE	2x 10/100/1000 Mbps Base-T LAN ports
SERIAL COMMUNICATIONS	2x RS-232 serial ports
USB	3x USB 2.0 ports
KEYBOARD/MOUSE	Combined PS/2 type mini-DIN connectors
COMM CONNECTIVITY	Supports Ethernet/IP, Modbus TCP and OPC
I/O	16x isolated digital inputs, 16x isolated digital outputs 2x event inputs (shared with the Polled Inputs)
OPERATING SYSTEM	Windows XP Pro (32-Bit OS, SP3)
POWER REQUIREMENTS	24 VDC (+/- 10%, 3.5 amp min)
DIMENSIONS	200 mm x 85 mm x 165 mm (7.8 in. x 3.3 in. x 6.5 in.)
OPERATING TEMPERATURE	0 to 55° C (+32 to +131° F)
HUMIDITY	0 to 90% (non-condensing)
CERTIFICATIONS (SAFETY COMPLIANCE)	CE/FCC, RoHS, UL

BENEFITS

- Easily integrates with the PPT Vision A-, T- and C-Series smart cameras for data sharing and inter-camera communication without needing a PC
- Lower installation cost
- Combines up to four unique camera capabilities for application-specific requirements
- Simplifies cabling by eliminating the necessity for camera power cables
- Shared processing reduces cost per inspection point
- Increased inspection power delivers higher inspection rates

Datalogic Automation Headquarters

Via Lavino, 265
40050 Monte San Pietro
Bologna - Italy
Tel. +39 051/6765611
Fax +39 051/6759324
info.automation.it@datalogic.com

Datalogic Automation Inc

Machine Vision
6301 West Old Shakopee Road
Minneapolis, MN 55438 - United States
Tel. +1-952-996-9500
Fax +1-952-996-9501
info.vision.ia@datalogic.com



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