

MVS100-323-FL

Mini Vision System with Intel Atom® x5-E3940 Processor, Vision I/O, 2-CH PoE, and 2-CH LED Output



Features

- Integrated real-time vision I/O
 - 2-CH trigger input
 - 2-CH trigger output
 - 2-CH LED lighting control
 - 4-CH isolated DIO
- Supports camera interfaces
 - 2 IEEE802.3af GbE LAN ports (PoE)
- Power input: 24 VDC
- -10°C to +55°C operating temperature range
- Supports TPM 2.0 function



Specifications

Standard Color	Black
Construction	Extruded aluminum and heavy-duty steel, IP40
Processor System	Intel Atom® x5-E3940 processor (1.6GHz)
System Memory	1 x 204-pin DDR3L-1866 SO-DIMM, up to 8GB
System I/O	1 x Power Switch 1 x 3-pin terminal block (power input) 1 x 10/100/1000 Mbps Ethernet (Intel® I210-AT) 1 x RS-232/422/485 2 x USB 3.2 Gen1 1 x HDMI 1 x VGA 1 x Internal USB connector (optional)
TPM	TPM 2.0
Vision I/O	2-CH trigger input (dry or wet contact, sink/source type, input range: 0 to 30V)* 2-CH trigger output (sink type, open collector, supply voltage: 5 to 30V, 100mA max./CH)** 2-CH LED lighting control (12V/24V, max. 0.5A per CH) 2-CH isolated DI (dry or wet contact, sink/source type, input range: 0 to 30V) 2-CH isolated DO (sink type, open collector, supply voltage: 5 to 30V, 100mA max./CH) Programmable interrupt functions
Camera Interface	2 x IEEE802.3af GbE LAN port (PoE, Intel® I210-AT, IEEE802.3af compliant, total max. power output 20W)
Storage	1 x Full-size PCI Express Mini Card slot (mSATA signal)
System Indicators	1 x Power LED 1 x HDD LED 2 x PoE power LED
Power Input	Type: ATX/AT Input: 24 VDC±10%
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Storage Temperature	-20°C to +80°C (-4°F to +176°F)
Humidity	10% to 95%, non-condensing

Specifications

Dimensions	53.2 mm (2.09") (W) x 155 mm (6.1") (H) x 110.3 mm (4.34") (D)
Weight (net/gross)	0.6 kg (1.32 lb)/0.9 kg (1.98 lb)
Certifications	CE, FCC
Software Support	AXView

*Trigger Input can be configured to DI independently by API

**Trigger Output can be configured to DO independently by API

Ordering Information

System

MVS100-323-FL (P/N: E27L100100)	Mini vision system with Intel Atom® x5-E3940 processor, vision I/O, 2-CH PoE and 2-CH LED output
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Optional Accessory

DDR3L SO-DIMM	
mSATA	
8817L1001A0E	MVS100 wall mount kit

Power Protection

DC Version

OVP (over voltage protection)

SCP (short circuit protection)

UVP (under voltage protection)

Reverse Protection

Packing List

1 x MVS100-323-FL

1 x Screw pack

3 x Terminal block

1 x DIN-rail kit

Dimensions

