

# MVS100-323-FL NEW

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<br>1 x 3-pin terminal block (power input)<br>1 x 10/100/1000 Mbps Ethernet (Intel® i211-AT)<br>1 x RS-232/422/485<br>2 x USB 3.2 Gen1<br>1 x HDMI<br>1 x VGA<br>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)*<br>- 2-CH trigger output (sink type, open collector, supply voltage: 5 to 30V, 100mA max./CH)**<br>- 2-CH LED lighting control (12V/24V, max. 0.5A per CH)<br>- 2-CH isolated DI (dry or wet contact, sink/source type, input range: 0 to 30V)<br>- 2-CH isolated DO (sink type, open collector, supply voltage: 5 to 30V, 100mA max./CH)<br>- Programmable interrupt functions |

\*Trigger Input can be configured to DI independently by API

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

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| 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<br>1 x HDD LED<br>2 x PoE power LED                                                      |
| Power Input           | Type: ATX/AT<br>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                                                                             |
| 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                                                                                                 |

## Ordering Information

### System

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

### Optional Accessory

|               |                       |
|---------------|-----------------------|
| DDR3L SO-DIMM |                       |
| mSATA         |                       |
| 8817L1001A0E  | MVS100 Wall mount kit |

## Power Protection

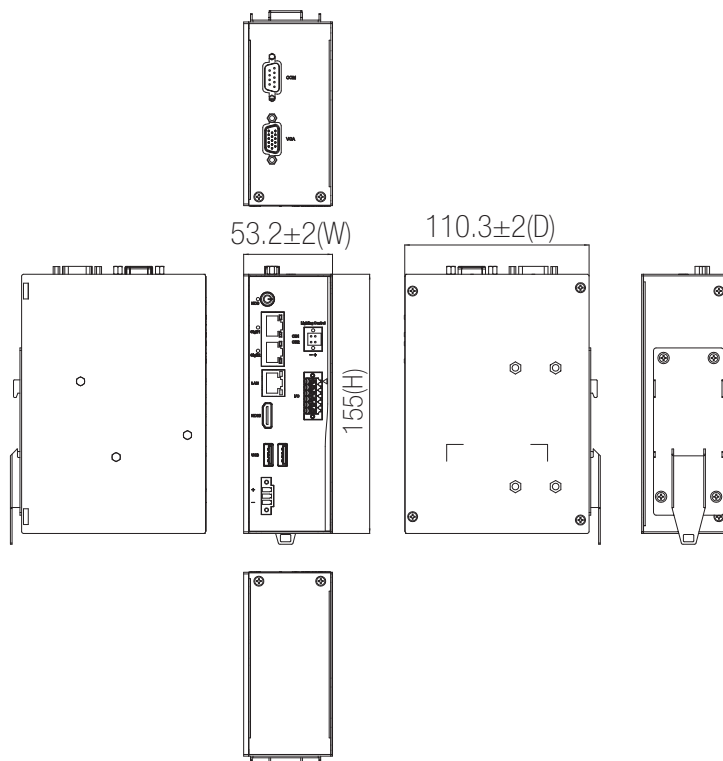
### DC Version

|                                |
|--------------------------------|
| 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



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