

MV-VC2000

Vision Controller



Introduction

MV-VC2000 vision controller adopts Intel® Elkhart Lake processor. It has multiple interfaces, such as GigE, USB 2.0, and USB 3.0. The vision controller has compact structure with stable performance, and it provides solutions for simple vision applications.

Key Features

- Adopts Intel® Elkhart Lake processor to provide calculation.
- Adopts GigE interfaces for stable data transmission.
- Built-in USB interface or dongle is optional.

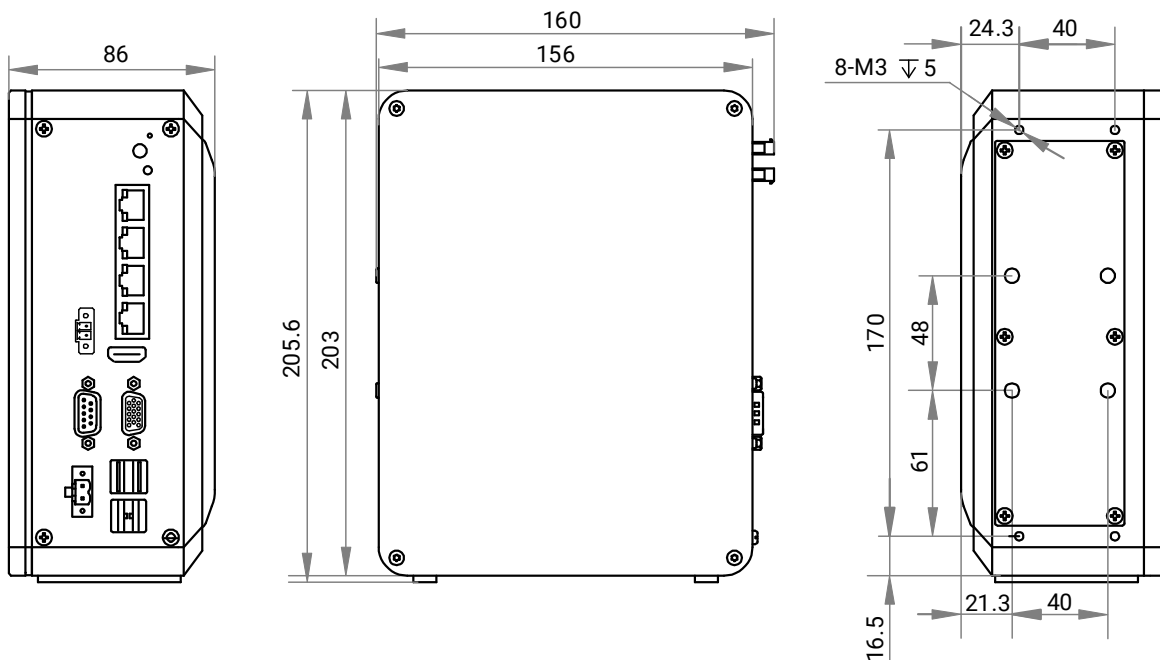
Available Model

MV-VC2000-128G40-NN
(128 GB SSD)

Applicable Industry

Consumer electronics,
food and pharmaceutical,
machining, etc.

Dimension



Unit: mm

Specification

HIKROBOT

Model	MV-VC2000-128G40-NN
Performance	
CPU	Intel® Celeron™ J6412
Memory	8 GB
Storage	128 GB SSD
GPU	Intel® UHD Graphics for 10th Gen Intel® Processors
Operating system	Unactivated 64-bit Windows 10
External interface	
Video output	HDMI interface × 1, VGA interface × 1 Supports independent display outputs at the same time Max. resolution 1920 × 1080 @ 60 Hz
Digital I/O	Not support
Network interface	GigE interface × 4
USB interface	USB 2.0 × 2 USB 3.0 × 2
Serial port	RS-232 × 1, supports switching to RS-485 and RS-422
Electrical feature	
Power supply	24 VDC
Power consumption	Typ. 48 W
Mechanical	
Dimension	160.59 mm × 205.6 mm × 86 mm (6.3" × 8.1" × 3.4")
Weight	Approx. 2 kg (4.4 lb.)
Temperature	Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F)
Humidity	20% RH to 80% RH (no condensation)
General	
Certification	CE, KC