

# MV-VC471\*-128G\*0

## Vision Controller



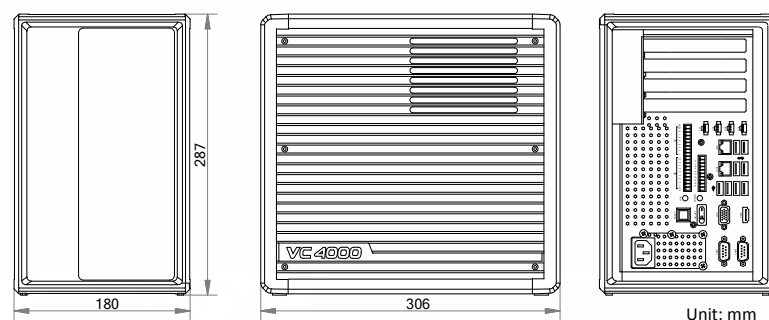
### Introduction

MV-VC471\*-128G\*0 vision controller adopts Intel® i7 CPU and memory of 8 GB. It supports 8 I/O inputs and outputs, and integrates 4 light interfaces with constant voltage. The vision controller has multiple GigE and USB3.0 interfaces, and it can connect with CameraLink and CoaXPress frame grabber via expansion slot.

### Key Feature

- Onboard Intel® i7 CPU, and supports 1660 GPU
- Adopts multiple expansion slots to connect with different frame grabbers
- Integrates 4 light interfaces with constant voltage
- Supports 16 GPIO inputs and outputs and NPN/PNP switch

### Dimension



- Adopts Intel® GigE interface for image transmission
- Supports extensible POE NIC
- Built-in dual USB3.0 dongle slots

### Available Model

- Power consumption of 250 W: MV-VC4710-128G20
- Power consumption of 350 W: MV-VC4719-128G20
- Power consumption of 250 W with 4 GigE Interfaces and POE NIC: MV-VC4710-128G60

### Applicable Industry

Computer, communication and consumer electronic, food and pharmaceuticals, transportation, etc.



## Specification

Model	MV-VC4710-128G20	MV-VC4719-128G20	MV-VC4710-128G60
<b>Performance</b>			
CPU	Intel® i7-6700 3.4GHz, max. turbo boost 4.0GHz		
Memory	8 GB		
Storage	128 GB SSD, supports 2.5" SATA HDD		
GPU	Intel® HD Graphics 530		
Operating system	Windows 7/10, Ubuntu		
<b>External interface</b>			
Video output	HDMI interface x 1, VGA interface x 1; Supports independent display, max. resolution: 4096 × 2304 @24Hz		
GPIO	Opto-isolated input x 8, opto-isolated output x 8 (supports NPN/PNP switch)		
Light interface	Light interfaces with 24 VAC constant voltage x 4, controllable brightness; Max. current 2.5 A for single light interface; Max. power consumption: 70 W; Supports external trigger strobe and solid mode switch		
Network interface	Intel® GigE interfaces x 2	Intel® GigE interfaces x 2	Intel® GigE interfaces x 2, built-in 4 GigE Interfaces and POE NIC
USB interface	USB3.0 x 8, built-in USB3.0 x 2		
Serial port	RS-232 x 2		
Extension interface	PCIe x16 ( x 1) or PCIe x8 ( x 2), PCI ( x 1), PCIe x4 ( x 1)		
<b>Electrical features</b>			
Power supply	100 VAC to 240 VAC		
Power consumption	≤ 250 W	≤ 350 W	≤ 250 W
<b>Structure</b>			
Dimension	306 mm x 180 mm x 287 mm (12.0" x 7.1" x 11.3")		
Weight	Approx. 7.5 kg (16.5 lb.)		
Temperature	-10 °C to 50 °C (14 °F to 122 °F)		
Humidity	20% to 95% RH, without condensation		
<b>General</b>			
Operating system	Windows Embedded Standard 7		
Certifications	CCC, CE, FCC		

**HIKROBOT**

Hangzhou Hikrobot Technology Co., Ltd.  
No.399 Danfeng Road, Binjiang District, Hangzhou 310051, China.  
en.hikrobotics.com

**MaxxVision®**

Sigmaringer Str. 121  
70567 Stuttgart  
Tel.: 0711 997 996 3  
www.maxxvision.com

Copyright Hikrobot

Hangzhou Hikrobot Technology Co., Ltd. All Rights Reserved. Hangzhou Hikrobot Technology does not tolerate any infringement. Any organization or individual may not imitate or reproduce in whole or in part of the content. The data herein is based on Hikrobot's internal evaluation. Actual data may vary depending on specific configuration and operating condition. The information herein is subject to change without notice. All the content has been checked conscientiously. Nevertheless, Hikrobot shall not be liable to damages resulting from errors, inconsistencies or omissions.