MV-VC4719-350RT

Vision Processor

CE FC CCC

Introduction

MV-VC4719-350RT Vision Processor 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.

Supports extensible POE NIC

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

Key Feature

Onboard Intel® i7 CPU, and supports 1660 GPU

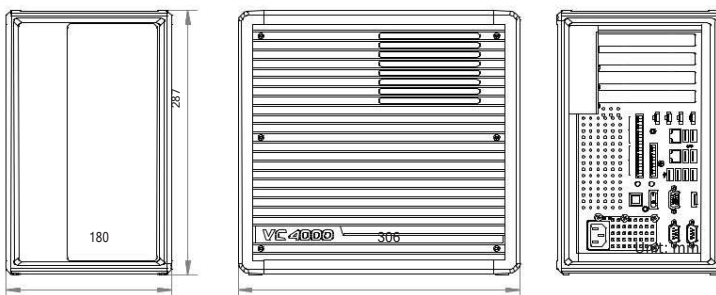Adopts multiple expansion slots to connect with different frame grabbers

Integrates 4 light interfaces with constant voltage

Supports 16 GPIO inputs and outputs and NPN/PNP switch

Applicable Industry

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

Dimension

Specification

Model	MV-VC4719-350RT
Performance	
CPU	Intel®Core i7 max turbo boost 4.0GHz
Memory	8 GB
Storage	128 GB SSD, 2TB SATA HDD *
GPU	Intel® HD Graphics 530
External interface	
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, 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)
Electrical features	
Power supply	100 VAC to 240 VAC
Power consumption	≤350W *
Structure	
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
General	
Operating system	Windows 10 included *
Certifications	CCC, CE, FCC

*1: MV-VC4719-350RT included 128 GB SSD + 2 TB HDD

*2: MV-VC4719-350RT installed Window 10

*3: MV-VC4719-350RT have 4 port GigE PoE to connect camera.

HIKROBOT

MV-VC4719-128G20

Vision Processor

CE FC CCC

Introduction

MV-VC4719-128G20 Vision Processor 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 troller 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

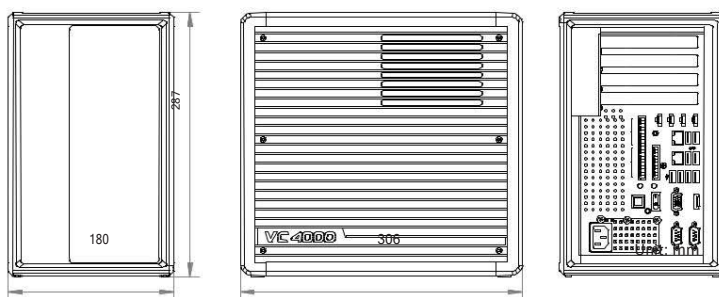Adopts multiple expansion slots to connect with different frame grabbers

Integrates 4 light interfaces with constant voltage

Supports 16 GPIO inputs and outputs and NPN/PNP switch

Supports extensible POE NIC

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

Applicable Industry

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

Dimension

en.hikrobotics.com

Specification

Model	MV-VC4719-128G20
Performance	
CPU	Intel® Core i7
Memory	8 GB
Storage	128 GB SSD
GPU	Intel® HD Graphics 530
External interface	
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
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Electrical features	
Power supply	100 VAC to 240 VAC
Power consumption	≤350W
Structure	
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
General	
Operating system	Support Windows 10 **(purchased separately)**
Certifications	CCC, CE, FCC

MV-VC4710-128G20

Vision Processor

Introduction

MV-VC4710-128G20 Vision Processor 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.

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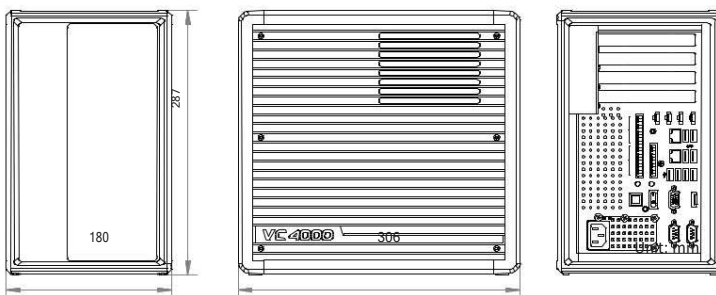
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Dimension

Specification

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Memory	8 GB
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Network interface	Intel® GigE interfaces x 2
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)
Electrical features	
Power supply	100 VAC to 240 VAC
Power consumption	≤250W
Structure	
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
General	
Operating system	Support Windows 7/10 (**purchased separately**)
Certifications	CCC, CE, FCC

MV-VC4710-128G60
Vision Processor

CE FC CCC

Introduction

MV-VC4710-128G60 Vision Processor 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

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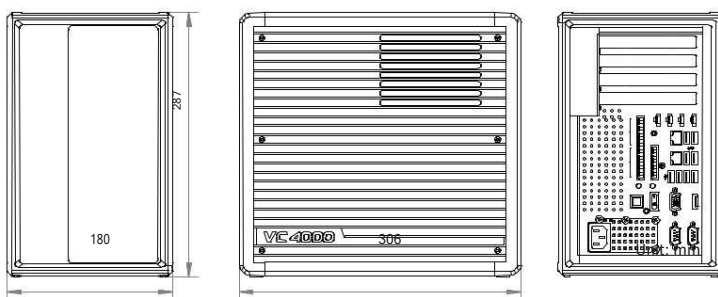Adopts multiple expansion slots to connect with different frame grabbers

Integrates 4 light interfaces with constant voltage

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Specification

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