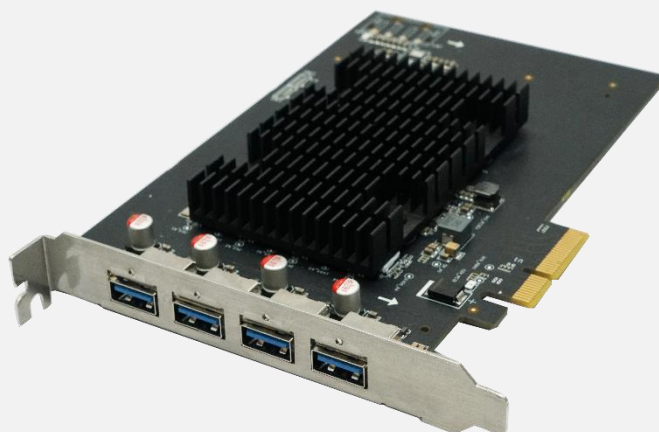


MV-GU2100

USB3.0 Frame Grabber



Introduction

MV-GU2100 USB3.0 frame grabber supports super speed transmission mode, and is compatible with USB3.0, USB2.0, and USB1.1. It has multiple independent USB3.0 type-A interfaces and is applicable to PCIe ×4, PCIe ×8, and PCIe ×16 card slots.

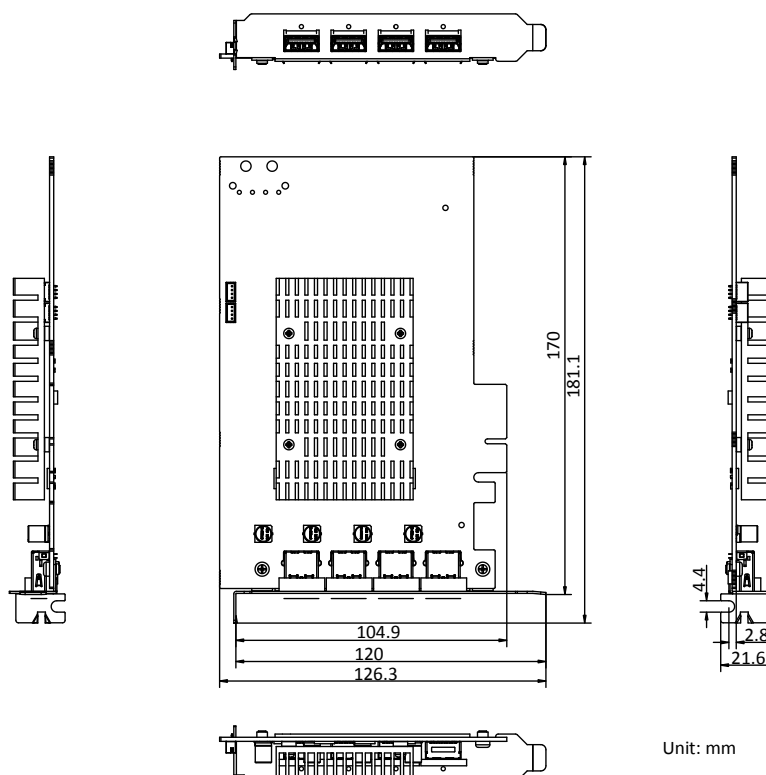
Available Model

MV-GU2104

Key Feature

- Adopts USB3.0 type-A interface.
- Max. transmission speed reaches 5 Gbps in USB3.0 mode theoretically.
- Supports super speed transmission mode, and compatible with USB3.0, USB2.0, and USB1.1.

Dimension



Specification

Model	MV-GU2104
Host interface	
Interconnect	PCI-E gen2 × 4
Delivery bandwidth	1720 MB/s (max. transmission bandwidth) 1600 MB/s (sustained transmission bandwidth)
Camera interface	
Standard	USB 3.0
Interface	USB3.0 type-A, female
Power output	Each channel provides 4.5 W @ 5 VDC at most
Camera type supported	USB industrial camera
Camera quantity supported	4 at most
Camera connection speed	Max. 5 Gbps (the actual speed is 2.9 Gbps)
Stream	4
Processing feature	
Pixel format	Mono 8/10/10Packed/12/12Packed Bayer 8/10/10Packed/12/12Packed YUV422Packed, YUV422_YUYV_Packed RGB 8, BGR 8
Electrical feature	
Power consumption	Typ. 6 W (without USB power supply) Typ. 24 W (with USB power supply)
Mechanical	
Dimension	181.1 mm × 126.3 mm × 21.6 mm (7.1" × 5.0" × 0.9")
Weight	160 g (0.4 lb.)
Temperature	Working temperature: 0 °C to 60 °C (32 °F to 140 °F) Storage temperature: -20 °C to 70 °C (-4 °F to 158 °F)
Humidity	10% RH to 95% RH (no condensation)
Cooling mode	Natural cooling, cooling fins without fans
General	
Operating system	Windows 7/10/11, Linux
Certification	CE, RoHS