

MV-GU2200

USB3.0 Frame Grabber



Introduction

MV-GU2200 USB3.0 frame grabber supports super speed transmission mode, and is compatible with USB3.0, USB2.0, and USB1.1. It has 4 independent USB3.0 type-A interfaces and is applicable to PCIe ×4, PCIe ×8, and PCIe ×16 card slots.

Available Model

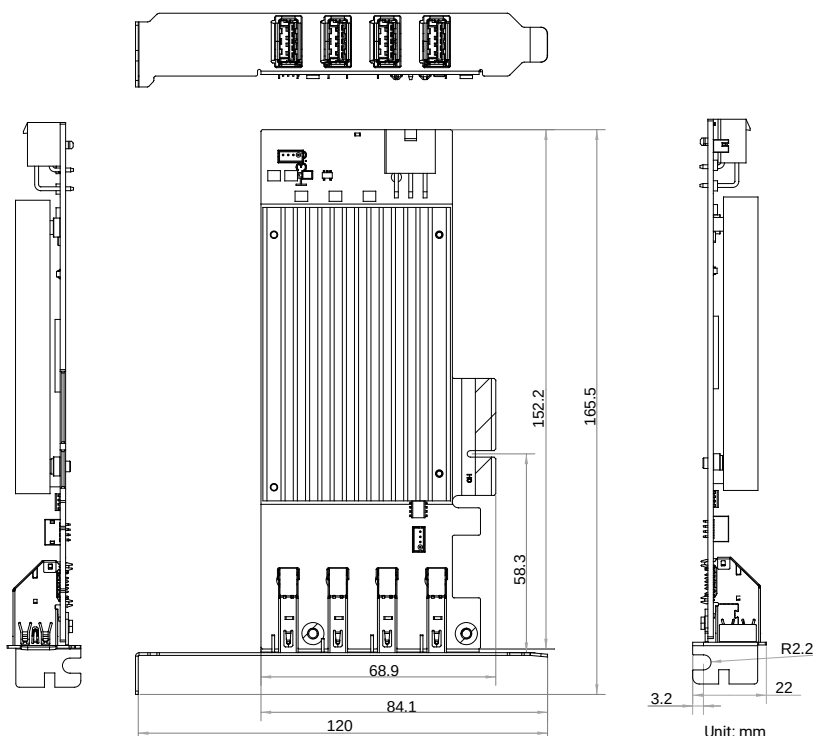
- MV-GU2204
- MV-GU2204L

Key Feature

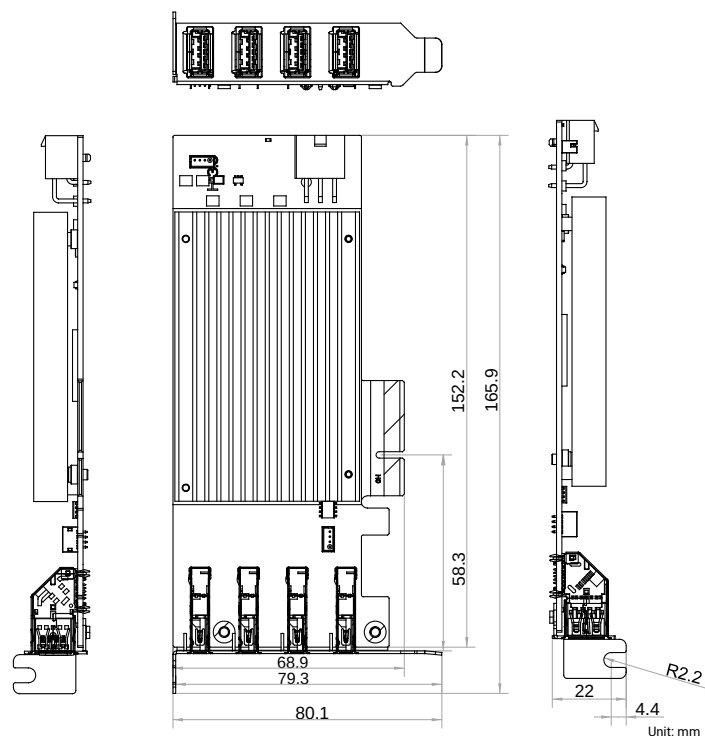
- Adopts 4 USB3.0 type-A interfaces.
- Max. transmission speed of each channel reaches 5 Gbps and max. transmission bandwidth of bus reaches 20 Gbps in USB3.0 mode theoretically.
- Supports super speed transmission mode, and is compatible with USB3.0, USB2.0, and USB1.1.

Dimension

MV-GU2204



MV-GU2204L



Specification

Model	MV-GU2204	MV-GU2204L
Host interface		
Interconnect	PCI-E gen2 × 4	
Delivery bandwidth	1720 MB/s (max. transmission bandwidth) 1600 MB/s (sustained transmission bandwidth)	
Camera interface		
Standard	USB3.0	
Interface	USB3.0 type-A, female	
Power output	Each channel provides 4.5 W @ 5 VDC at most	
Camera type supported	Industrial cameras with USB interfaces	
Camera quantity supported	4 at most	
Camera connection speed	Max. 5 Gbps (the actual speed is 3.08 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	5.5 W (without USB power supply) 23.5 W (with USB power supply)	
Mechanical		
Dimension	165.5 mm × 120 mm × 22 mm (6.5" × 4.7" × 0.9")	165.9 mm × 80.1 mm × 22 mm (6.5" × 3.2" × 0.9")
Weight	Approx. 143.6 g (0.3 lb.)	Approx. 140 g (0.3 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 on Intel® platforms	
Certification	CE, RoHS	