

MV-GE1100P

4-Channel GigE Frame Grabber



GEN< i >CAM

GiGE
VISION

Introduction

MV-GE1100P GigE frame grabber supports GigE Vision protocol and 4 GigE interfaces with PoE. The frame grabber's 4 GigE interfaces can be connected to 4 cameras at most. It has on-board memory to process images, which reduces CPU loads substantially.

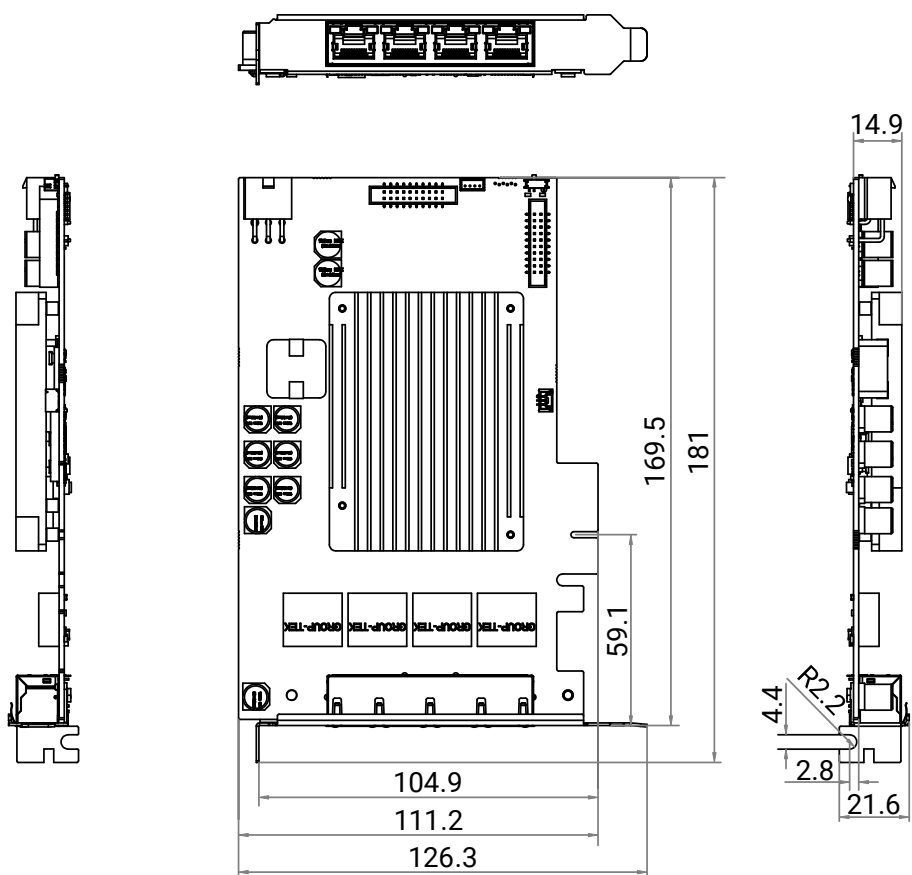
Available Model

MV-GE1104P

Key Feature

- Supports GigE Vision protocol with each GigE interface accessing up to 1 Gbps data transfer speed.
- Supports up to 4 GigE interfaces with PoE.
- Complies with general protocol stack.

Dimension



Unit: mm

Specification

Model	MV-GE1104P
Memory	
On-board memory	512 MB DDR3-RAM
Host interface	
Interconnect	PCI-E gen2 × 2
Delivery bandwidth	860 MB/s (max. transmission bandwidth) 800 MB/s (sustained transmission bandwidth)
Indicator	3
Camera interface	
Standard	GigE Vision
Interface	RJ45 × 4
Power output	PoE, each channel provides 15.4 W at most (ATX power required for PoE)
Camera type supported	GigE industrial camera
Camera quantity supported	4 at most
Camera connection speed	1 Gbps
Stream	4
Stream indicator	4 pairs
Processing feature	
Jumbo frame	9.5 KB
Electrical feature	
Power consumption	Typ. 4.7 W (without PoE)
Mechanical	
Dimension	181 mm × 126.3 mm × 21.6 mm (7.1" × 5.0" × 0.9")
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)
General	
Client software	MVS
Operating system	Windows 7/10/11, Ubuntu 18.04 to 24.04 on 64-bit Linux
Certification	RoHS, CE