

Frame Grabber

Frame grabber is one of the core accessories in the machine vision system. It can provide customers with 1-stop solutions and product selection.



Rich interfaces to meet different protocol applications



Full technical support system

Specifications



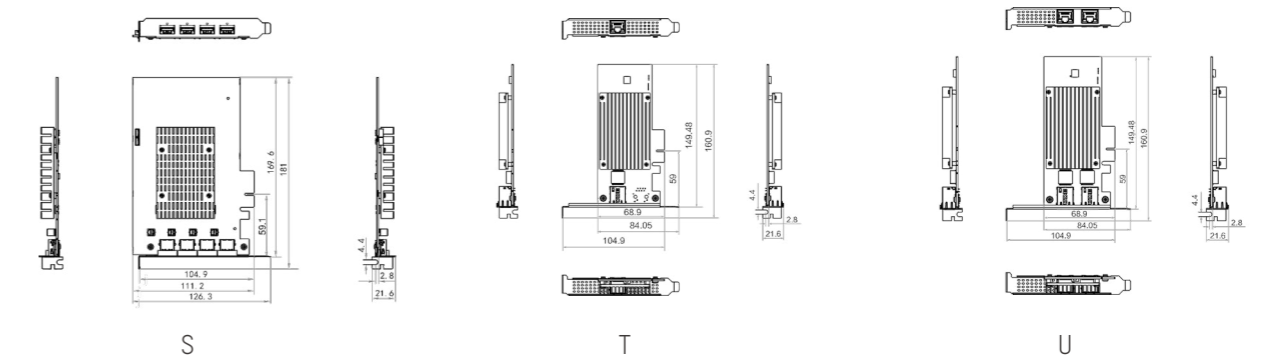
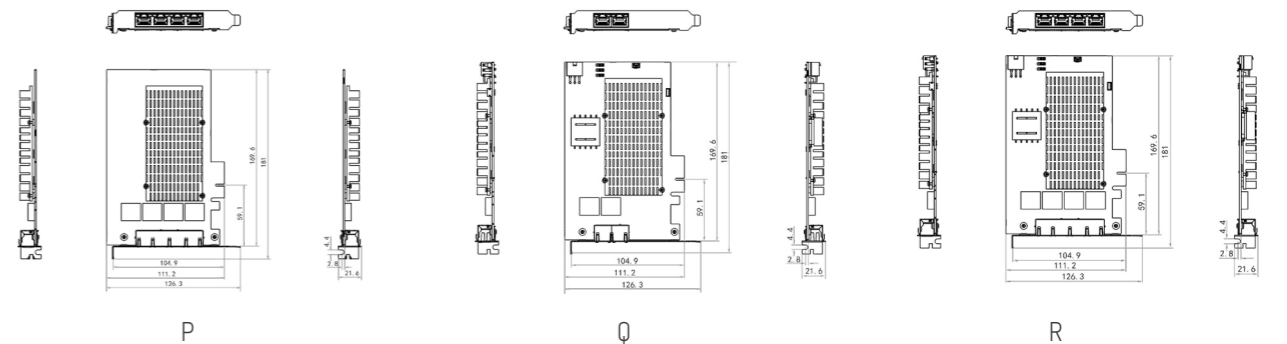
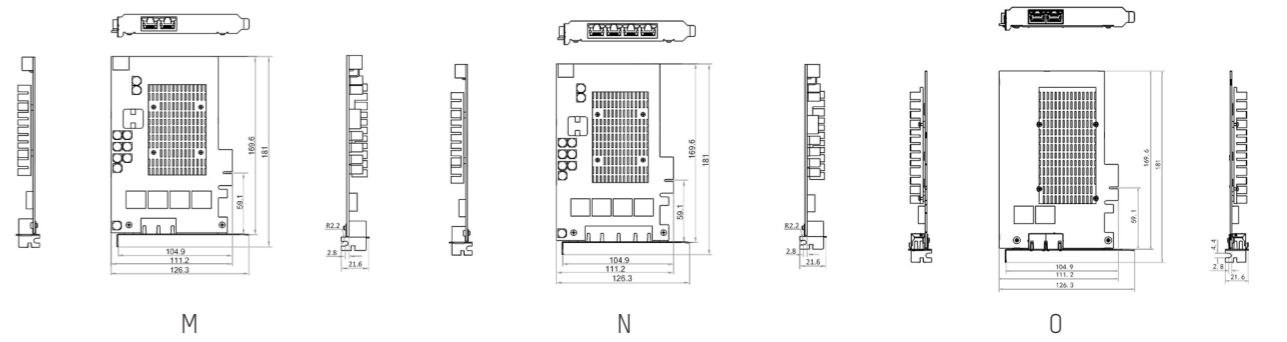
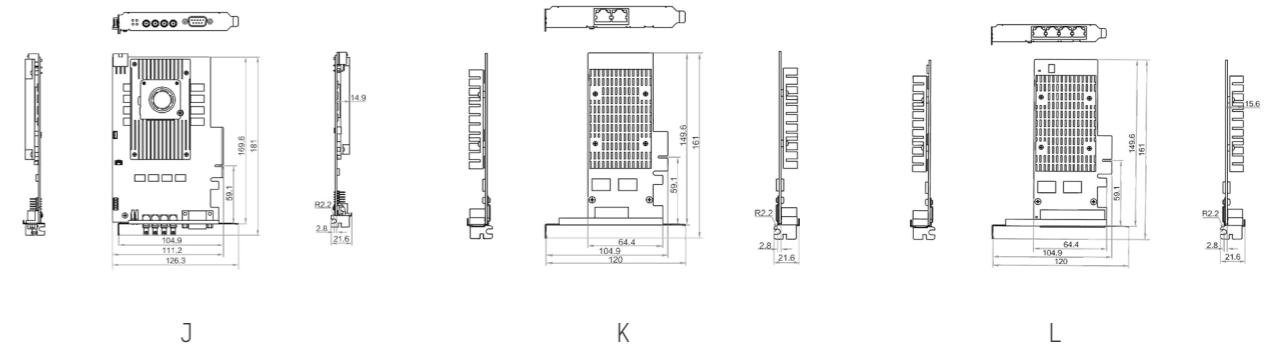
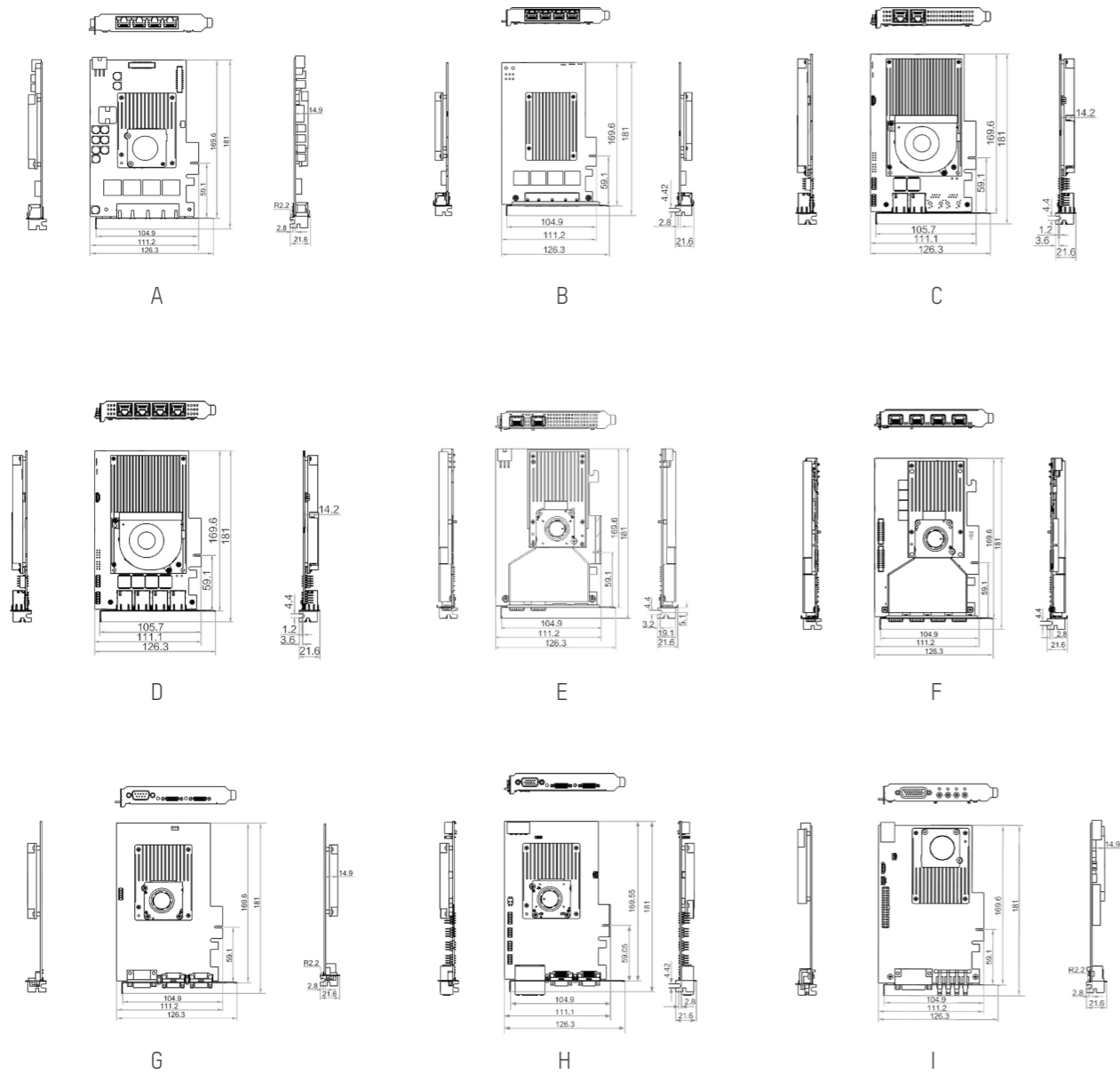
Camera type supported	Model	Interconnect	Delivery bandwidth	Interface(Optical module equipped additionally)	Camera connection speed	Power consumption	Label
GigE industrial camera	MV-GE1004	PCI-E gen2 × 4	1720 MB/s (max. transmission bandwidth), 1600 MB/s (sustained transmission bandwidth)	4 × RJ45	1 Gbps	Typ. 10 W (without PoE)	A
	MV-GE1104	PCI-E gen2 × 4	1720 MB/s (max. transmission bandwidth), 1600 MB/s (sustained transmission bandwidth)	4 × RJ45	1 Gbps	Typ. 10 W (without PoE)	B
10GigE & XoF industrial camera	MV-GT1002	PCI-E gen2 × 8	3900 MB/s (max. transmission bandwidth), 3350 MB/s (sustained transmission bandwidth)	2 × RJ45	10 Gbp	Typ. 19.2 W	C
	MV-GT1004	PCI-E gen2 × 8	3900 MB/s (max. transmission bandwidth), 3350 MB/s (sustained transmission bandwidth)	4 × RJ45	10 Gbp	Typ. 24 W	D
10 GigE Fiber industrial camera	MV-GS1002F	PCI-E gen2 × 8	3900 MB/s (max. transmission bandwidth), 3350 MB/s (sustained transmission bandwidth)	2 × SFP+	20 Gbps	Typ. 20 W	E
	MV-GS1004	PCI-E gen2 × 8	3900 MB/s (max. transmission bandwidth), 3350 MB/s (sustained transmission bandwidth)	4 × SFP	10 Gbps	Typ. 20 W	F

Camera type supported	Model	Interconnect	Delivery bandwidth	Interface(Optical module equipped additionally)	Camera connection speed	Power consumption	Label
Camera Link industrial camera	MV-GC1102IOL	PCI-E gen2 × 4	1720 MB/s (max. transmission bandwidth), 1600 MB/s (sustained transmission bandwidth)	2 × SDR	6.8 Gbps	Typ. 10 W (without PoCL)	G
	MV-GC1002-V2*	PCI-E gen2 × 4	1720 MB/s (max. transmission bandwidth), 1600 MB/s (sustained transmission bandwidth)	2 × SDR	6.8 Gbps	Typ. 10 W (without PoCL)	H
CXP-6 connector industrial camera	MV-GX1004	PCI-E gen2 × 8	3900 MB/s (max. transmission bandwidth), 3350 MB/s (sustained transmission bandwidth)	4 × DIN 1.0/2.3	1.25/2.5/3.125/5/6.25Gbps (CXP-1/2/3/5/6)	Typ. 20 W (without PoCXP)	I
	MV-GX1014	PCI-E gen2 × 8	3900 MB/s (max. transmission bandwidth), 3350 MB/s (sustained transmission bandwidth)	4 × DIN 1.0/2.3	1.25/2.5/3.125/5/6.25Gbps (CXP-1/2/3/5/6)	Typ. 20 W (without PoCL)	I
CXP-6/CXP-12 connector industrial camera	MV-GY1004	PCI-E gen3 × 8	7800 MB/s (max. transmission bandwidth), 6700 MB/s (sustained transmission bandwidth)	4 × HD-BNC	1.25/2.5/3.125/5/6.25/10/12.5Gbps (CXP-1/2/3/5/6/10/12)	Typ. 20 W (without PoCXP)	J
GigE industrial camera	MV-GE2002	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	2 × RJ45	10/100/1000 Mbps	Typ. 4.3 W	K
	MV-GE2004	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	4 × RJ45	10/100/1000 Mbps	Typ. 5.5 W	L
	MV-GE2002P	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	2 × RJ45	10/100/1000 Mbps	Typ. 7.5 W (without PoE)	M
	MV-GE2004P	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	4 × RJ45	10/100/1000 Mbps	Typ. 9 W (without PoE)	N
	MV-GE2202	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	2 × RJ45	10/100/1000 Mbps	Typ. 2 W	O
	MV-GE2204	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	4 × RJ45	10/100/1000 Mbps	Typ. 3 W	P
	MV-GE2202P	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	2 × RJ45	10/100/1000 Mbps	Typ. 2 W (without PoE)	Q
	MV-GE2204P	PCI-E gen2 × 4, PCI-E gen2 × 2 link	860 MB/s (max. transmission bandwidth), 800 MB/s (sustained transmission bandwidth)	4 × RJ45	10/100/1000 Mbps	Typ. 3 W (without PoE)	R

Camera type supported	Model	Interconnect	Delivery bandwidth	Interface(Optical module equipped additionally)	Camera connection speed	Power consumption	Label
USB industrial camera	MV-GU2104	PCI-E gen2 × 4	1720 MB/s (max. transmission bandwidth), 1600 MB/s (sustained transmission bandwidth)	USB3.0 type-A	Max. 5 Gbps	Typ. 6 W (without USB power supply) Typ. 24 W (with USB power supply)	S
10 GigE industrial camera	MV-GT2001	PCI-E gen2 × 4	1000 MB/s (max. transmission bandwidth), 1000 MB/s (sustained transmission bandwidth)	1 × RJ45	10 Gbps	Typ. 7 W	T
	MV-GT2002	PCI-E gen2 × 8	2000 MB/s (max. transmission bandwidth), 2000 MB/s (sustained transmission bandwidth)	2 × RJ45	10 Gbps	Typ. 10W	U

Notice: * will be released soon.

Dimension



Unit:mm