

Cognex Industrial Frame Grabber

CFG-CPC34-XD-4P

- Trusted Cognex® brand
- Designed for Cognex Vision Software
- CoaXPress Protocol and GenICam Compatible

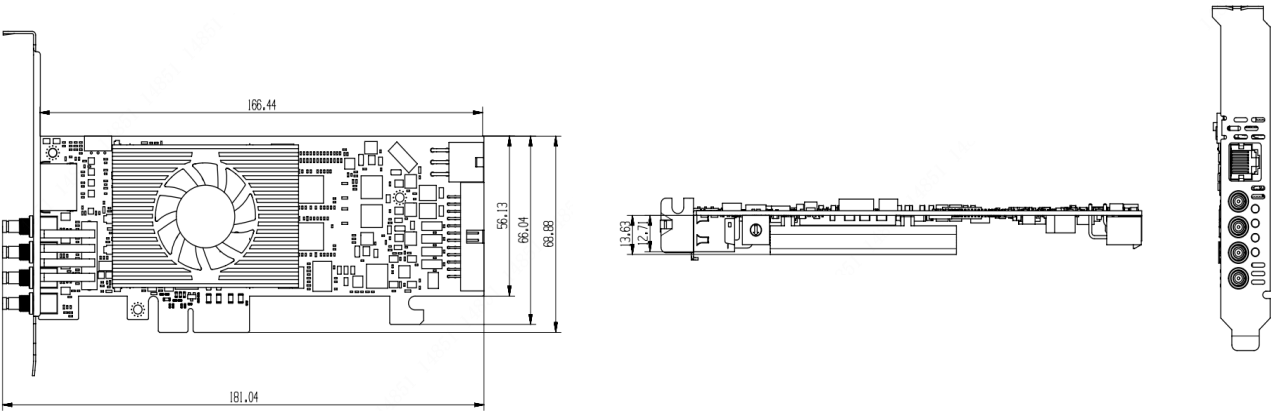


- 6.25*4 Gbps CoaXPress-6 Interface
- 2GB On-board Frame Buffer
- CE, FCC, RoHS, REACH compliant
- Maximum up to 4 cameras connection

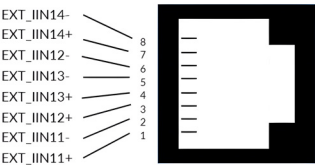
Specifications

Product	CFG-CPC34-XD-4P
Transfer Rate(Max.)	6.25*4Gbps
Connectors	Din x 4
Protocol	CoaXPress 1.1/2.0
Pixel Format	Mono8/10/12/16, Bayer8/10/12/16, RGB8/10/12/16, YCbCr8/10/12/16
Transmission Configuration	CoaXPres 1/2/3/5/6
Digital I/O(RJ45 Port)	(4) Opto-isolated Input
Digital I/O(On-board)	(4) Opto-isolated Input (2) Opto-isolated output (2) Configurable TTL input/output
On-board Memory	2GB
Compliance	CE, FCC, RoHS, REACH
Host Bus	PCIe Gen3 X4
Dimensions	167.5mm × 68.9mm × 21.6mm
Weight	150g
Power Consumption (without PoCXP)	20W
Operatingh OS	Windows 10/11/Server 2019 x64
Storage Temperature	-20 ℃ ~ +60 ℃
Operating Temperature	0 ℃ ~ +50 ℃

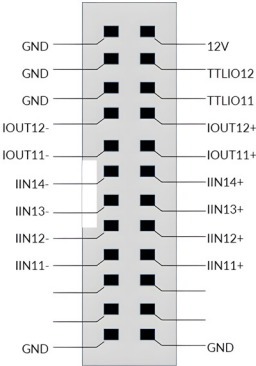
Dimensions



I/O Connection



Pin	Signal	Direction	Description
1	EXT_IIN11+	Input	Opto-isolated input
2	EXT_IIN11-	Input	Opto-isolated input
3	EXT_IIN12+	Input	Opto-isolated input
4	EXT_IIN13+	Input	Opto-isolated input
5	EXT_IIN13-	Input	Opto-isolated input
6	EXT_IIN12-	Input	Opto-isolated input
7	EXT_IIN14+	Input	Opto-isolated input
8	EXT_IIN14-	Input	Opto-isolated input



Pin Left	Pin Right	Direction	Description
GND	12V	-	-
GND	TTLIO12	IN/OUT	TTL Input/Output
GND	TTLIO11	IN/OUT	TTL Input/Output
IOUT12-	IOUT12+	OUT	Opto-isolated Output
IOUT11-	IOUT11+	OUT	Opto-isolated Output
EXT_IIN14-	EXT_IIN14+	IN	Opto-isolated input
EXT_IIN13-	EXT_IIN13+	IN	Opto-isolated input
EXT_IIN12-	EXT_IIN12+	IN	Opto-isolated input
EXT_IIN11-	EXT_IIN11+	IN	Opto-isolated input
-	-	-	-
-	-	-	-
GND	GND	-	-



Companies around the world rely on Cognex vision and barcode reading solutions to optimize quality, drive down costs, and control traceability.

Corporate Headquarters One Vision Drive Natick, MA 01760 USA

Regional Sales Offices

Americas

North America +1 844 999 2469
Brazil +55 11 4210 3919
Mexico +800 733 4116

Europe

Austria +43 800 28 16 32
Belgium +32 289 370 75
Czechia +420 800 023 519
France +33 1 76 54 93 18
Germany +49 721 958 8052
Hungary +36 800 80291

Ireland +353 21 421 7500
Italy +39 02 3057 8196
Netherlands +31 207 941 398
Poland +48 717 121 086
Romania +40 741 041 272
Spain +34 93 299 28 14
Sweden +46 21 14 55 88
Switzerland +41 445 788 877
Turkey +90 216 900 1696
United Kingdom +44 121 29 65 163

Asia-Pacific

Australia +61 2 7202 6910
China +86 21 5875 1133

India +91 7305 040397
Indonesia +62 21 3076 1792
Japan +81 3 5977 5400
Korea +82 2 539 9047
Malaysia +6019 916 5532
New Zealand +64 9 802 0555
Phillipines +63 2 8539 3990
Singapore +65 3158 3322
Taiwan +886 02 7703 2848
Thailand +66 6 3230 9998
Vietnam +84 98 2405167

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