

Cognex Industrial Frame Grabber

CFG-CPC38-YHB-4P

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

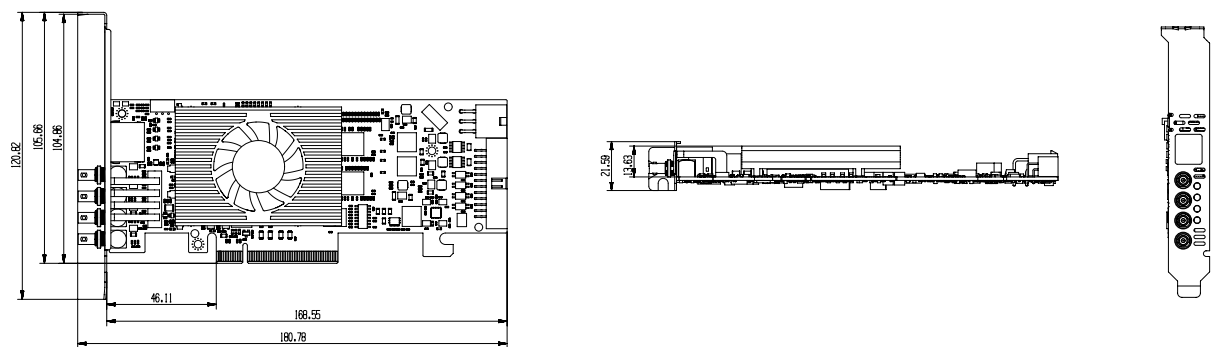


- 12.5*4Gbps CoaXPress-12 Interface
- 2GB on-board Frame Buffer
- CE, FCC, RoHS, REACH compliant
- Maximum up to 4 cameras connection

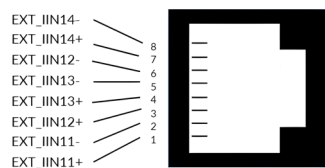
Specifications

Model Name	CFG-CPC38-YHB-4P
Transfer Rate(Max.)	125*4Gbps
Connectors	Micro-BNC 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 1/2/3/5/6/10/12
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 X8
Dimensions	167.5mm × 68.9mm × 21.6mm
Weight	150g
Power Consumption (without PoCXP)	20W
Operating OS	Windows 10/11/Server 2019 x64
Storage Temperature	-20 ℃ ~ +60 ℃
Operating Temperature	0 ℃ ~ +50 ℃

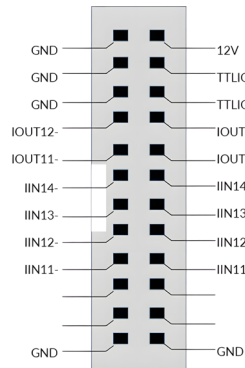
Dimensions



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	-	-



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