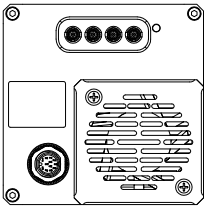


Parameter	Model	EMVC-CXP250GC
Optics		2/3"
Exposure mode		Global exposure
Sensor type		CMOS
Camera type		Color
Pixel size		4.5umx4.5um
Effective Pixels		2.5MP
Resolution@ Frame Rate		2048x1216@1884fps
Output pixel width		12bit
AD width		12bit
Signal to Noise Ratio		44.8dB
Dynamic range		68.2dB
Sensitivity		-84.6 dB @ 525 nm
Acquisition mode		Continuous / Software-triggered / Hardware-triggered
GPIO		2 differential inputs, 1 optocoupler-isolated input, 1 non-isolated output
Maximum gain (multiple)		6
Exposure time range (ms)		0.0010-65.5350
User-defined data area		64KB
Video output format		Bayer GB 8/12bit
Vision Standard Agreement		CoaXPress 2.1、GenICam
Lens Mount		C-mount
Data interface		CXP12-4 (HD-BNC interface)
Power supply		PoCXP / DC 24V
Power		<15W@DC24V
Dimensions		89x89x40mm (excluding lens mount and rear shell interface)
Weight		< 700g
Operating temperature		0~50°C
Operating humidity		20~80%(No condensation)
Storage temperature		-30~60°C
Storage humidity		20~95% (No condensation)
Operating system		Windows XP/7/10/11 32/64bits、Linux 32/64bits
Driver		Capture Card Control Software Compliant with the CoaXPress Protocol
Programming language pack		C/C++/C#/VB6/VB.NET/Delphi/BCB/Python/Java

Line Sequence Definition



Port	Pin Number	Color	Signal Name	Signal Description	Interface Type
Port A	1	Black	Power Supply Negative	Power Input Negative	Power Supply
	2	Red	Power Supply Positive	Power Input Positive	Power Supply
	3	Grey	RS422_IN1+	Encoder Phase A Input+	Differential Signal
	4	Pink	RS422_IN1-	Encoder Phase A Input-	Differential Signal
	5	Brown	RS422_IN2+	Encoder Phase B Input+	Differential Signal
	6	White	RS422_IN2-	Encoder Phase B Input-	Differential Signal
	7	Green	OPT_IN3+	Trigger Input+	Optocoupler Isolation
	8	Yellow	OPT_IN3-	Trigger Input-	Optocoupler Isolation
	9	Blue	OUT1+	General Purpose Output Positive	Non - isolated Output
	10	Light Green	OUT1-	General Purpose Output Negative	Non - isolated Output
	11	Purple	NC		
	12	Orange	NC		