

iCentral Series

Industrial Cameras



- Low power consumption design with optimized heat dissipation
- Supports dual triggering for more flexible simultaneous triggers
- Trigger buffer support to reduce the risk of frame loss
- Customizable CS-mount available, optional model without PoE

Model	iCt7PM/CG50A-SE	iCt8PM/CG53A-SE	iCt9PM/CG60A-SE	iCt9PM/CG120A-SE	iCt9PM/CG200A-SE
Resolution	2592×1944	2592×2048	3072×2048	4000×3000	5472×3648
Sensor	AR0521	XGS5000	IMX178	IMX226	IMX183
Sensor Size	1/2.5"	2/3"	1/1.8"	1/1.7"	1"
Sensor Technology	CMOS, Rolling	CMOS, Global	CMOS, Rolling	CMOS, Rolling	CMOS, Rolling
Pixel Size	2.2µm×2.2µm	3.2µm×3.2µm	2.4µm×2.4µm	1.85µm×1.85µm	2.4µm×2.4µm
Frame Rate	23fps	22fps	19fps	10fps	6fps
Data Bits	12 bit	12 bit	12 bit	12 bit	12 bit
Exposure Time	16µs~1s	20µs~1s	25µs~1s	16µs~1s	16µs~1s
Dynamic Range	66dB	60dB	66dB	60dB	60dB
Mono/Color	Mono/Color	Mono/Color	Mono/Color	Mono/Color	Mono/Color
Synchronization	Software Trigger/Hardware Trigger/Free Run Mode				
Interface	GigE, PoE				
Digital I/O	1 × 6pin Hirose: 1 × Opto-isolated input, 1 × Opto-isolated output, 1 configurable input and output				
Lens Mount	C-mount				
Power Input	PoE/DC 9V~24V power supply via Hirose interface				
Housing Size	29 mm × 29 mm × 42.5 mm (not including lens mount and rear case connector) 98g				
Operating Temperature	-30° C~+80° C (Storage) 0° C~+50° C (Working)				

Model	iCt2PM/CG13A-SE	iCt0PMG/CG13A-SE	iCt9PM/CG20A-SE	iCt0PMG/CG24A-SE	iCt9PM/CG50A-SE
Resolution	1280×1024	1280×1024	1624×1240	2048×1200	2448×2048
Sensor	SS	/	IMX430	/	IMX264
Sensor Size	1/2.7"	1/1.7"	1/1.7"	1/1.7"	2/3"
Sensor Technology	CMOS, Global	CMOS, Global	CMOS, Global	CMOS, Global	CMOS, Global
Pixel Size	4.0µm×4.0µm	4.0µm×4.0µm	4.5µm×4.5µm	4.0µm×4.0µm	3.45µm×3.45µm
Frame Rate	92fps	90fps	60fps	48fps	24fps
Data Bits	10 bit	12 bit	10 bit	12 bit	12 bit
Exposure Time	16µs~1s	5µs~1s	1µs~1s	5µs~1s	1µs~1s
Dynamic Range	60dB	66dB	60dB	66dB	60dB
Mono/Color	Mono/Color	Mono/Color	Mono/Color	Mono/Color	Mono/Color
Synchronization	Software Trigger/Hardware Trigger/Free Run Mode				
Interface	GigE, PoE				
Digital I/O	1 × 6pin Hirose: 1 × Opto-isolated input, 1 × Opto-isolated output, 1 configurable input and output				
Lens Mount	C-mount				
Power Input	PoE/DC 9V~24V power supply via Hirose interface				
Housing Size	29 mm × 29 mm × 42.5 mm (not including lens mount and rear case connector) 98g				
Operating Temperature	-30° C~+80° C (Storage) 0° C~+50° C (Working)				



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CONTACT US

86 571 89712238

market@contrastech.com