

UP To 219000 fps

- 1.3MP @3000 fps
- Support up to 64 memory partitions
- Support up to 4TB optional memory
- 10GigE data interface, compatible with GigE
- Automatic triggering of image changes

ISPEEDY30MT13M/C-SE



Applied range • Sports Technology • Digital Referee • Vehicle Crash Test • Flame Image Analysis • Blast Research • Fluid Analysis

Camera	iSpeedy30MT13M/C-SE
Resolution [H*V]	1280×1024
Full Frame Rate	3000fps
Max Frame Rate	219000fps
Min Exposure Time	100ns
Pixel Size	14.6um
Standard RAM	16G、32G、64G、128G (Optional)
Extended Memory	1.2T、2T、4T (Optional)
Shutter	Global
Dynamic Range	60dB
Analog Gain	×2、×4、×8
Sensitivity	ISO56000(Mono); ISO21000(Color)
Bit Depth	8bit / 10bit / 12bit
Color	Mono / Color
Data Interface	10 Gigabit Ethernet, Adaptive Gigabit Ethernet
Lens Mount	E interface, can be connected to F/C/EF interface
Trigger Mode	Manual, IO, Image
External Signal	Input: trigger (TTL/switch) signal, synchronization signal, ready signal, event signal, IRIGB signal Output: trigger signal, synchronization signal, ready signal
Dimensions & Weight	90D×110W×110H (<1.8kg)
Operating Temperature/ Humidity	Standard -10~50 °C , below 95% (without condensation), customizable -40~65 °C wide temperature version
Power Supply	DC24V@<30W

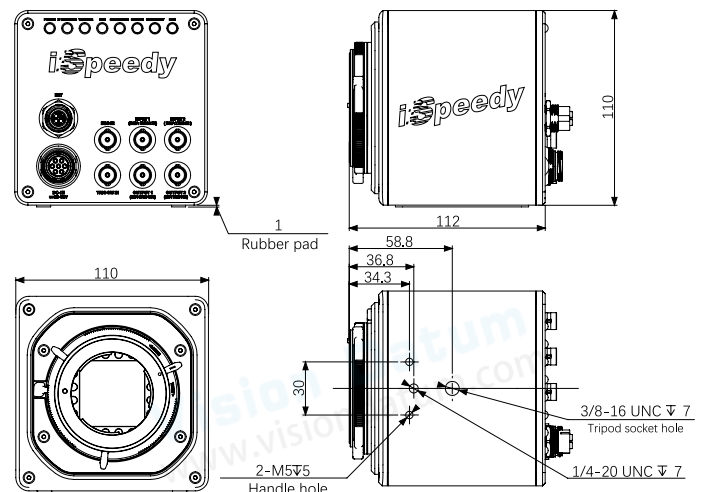
Performance

Resolution	Frame Rate	Record time (memory)			Record time (hard disk)		
		16GB	32GB	64GB	1.2TB	2TB	4TB
1280×1024	3000fps	4.3s	8.6s	17.2s	5.5min	9.3min	18.6min
1280×768	4000fps	4.3s	8.6s	17.2s	5.5min	9.3min	18.6min
1280×512	6000fps	4.3s	8.6s	17.2s	5.5min	9.3min	18.6min
1280×256	11900fps	4.3s	8.6s	17.2s	5.5min	9.3min	18.6min
1280×128	23100fps	4.3s	8.6s	17.2s	5.5min	9.3min	18.6min
1280×8	219000fps	7.6s	15.2s	30.4s	9.8min	16.3min	32.6min

*Recording time with 8bit grayscale, the 128GB version records twice as long as 64GB.

*The hard disk version supports real-time writing at up to 31Gbps.

Dimensions



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