

UP To 200000 fps

- 2MP @2000 fps
- Support up to 64 memory partitions
- 10GigE data interface, compatible with GigE
- Automatic triggering of image changes

ISPEEDY20MT20M/C-SE



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

Camera	iSpeedy20MT20M/C-SE
Resolution [H*V]	1920×1080
Full Frame Rate	2000fps
Max Frame Rate	200000fps
Min Exposure Time	100ns
Pixel Size	7.8um
Standard RAM	16G、32G、64G、128G (Optional)
Extended Memory	/
Shutter	Global
Dynamic Range	60dB
Analog Gain	×2、×4、×8
Sensitivity	ISO23000(Mono); ISO8000(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)		
		16GB	32GB	64GB
1920×1080	2000fps	4.1s	8.2s	16s
1920×796	3000fps	3.7s	7.4s	14s
1920×512	4000fps	4.3s	8.2s	17s
1920×256	8000fps	4.3s	8.2s	17s
1920×128	16000fps	4.3s	8.2s	17s
1920×8	200000fps	5.5s	11s	22s

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

Dimensions

