

### UP To 25000 fps

- 2MP @4000 fps
- Support up to 64 memory partitions
- Support up to 24TB optional memory
- 10GigE data interface, compatible with GigE
- Automatic triggering of image changes

### ISPEEDY40MT20M/C



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

Camera	iSpeedy40MT20M/C
Resolution [H*V]	2048×1024
Full Frame Rate	4000fps
Max Frame Rate	25000fps
Min Exposure Time	1us
Pixel Size	9um
Standard RAM	40G, 80G, 160G, 320G (Optional)
Extended Memory	4T, 12T, 24T (Optional)
Shutter	Global
Dynamic Range	64dB
Analog Gain	×2、×4、×8
Sensitivity	ISO10000(Mono); ISO3000(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, IRGB code signal Output: trigger (TTL/switch) signal, synchronization signal, ready signal, exposure signal, recording signal
Dimensions & Weight	217D×110W×110H (3.8kg)
Operating Temperature/Humidity	Standard -10~50 °C , below 95% (without condensation), customizable -40~65 °C wide temperature version
Power Supply	Dual power supply, DC24V@55W

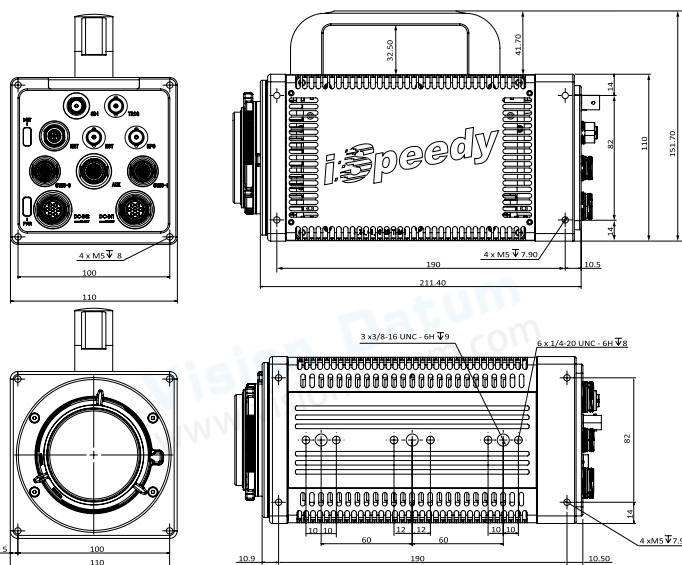
### Performance

Resolution	Frame Rate	Record time (memory)			Record time (hard disk)		
		40GB	80GB	160GB	4TB	12TB	24TB
2048×1024	4000fps	4.8s	9.6s	19.2s	8min	25min	50min
2048×768	5000fps	5.4s	10.8s	21.6s	8min	25min	50min
2048×512	5600fps	7.3s	18.2s	36.4s	15min	45min	90min
2048×256	9000fps	9.1s	18.2s	36.4s	15min	45min	90min
2048×128	12000fps	13.7s	27.4s	54.8s	22min	67min	134min
2048×64	20000fps	16.4s	32.8s	65.6s	27min	81min	162min
2048×32	25000fps	26.3s	52.6s	105.2s	43min	130min	260min

\*Recording time with 8bit grayscale, the 320GB version records twice as long as 160GB.

\*The hard disk version supports full resolution full frame rate real-time storage.

### Dimensions



No.8, Xiyuan 9th Road West Lake District, Hangzhou 310030 China  
Tel: 86-571-86888309, 86-571-86888307  
Web: www.visiondatum.com Email: market@visiondatum.com

