

UP To 20000 fps

- 21MP @1000 fps
- Support up to 64 memory partitions
- 10GigE data interface, compatible with GigE
- Automatic triggering of image changes

ISPEEDY10MT210M/C



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

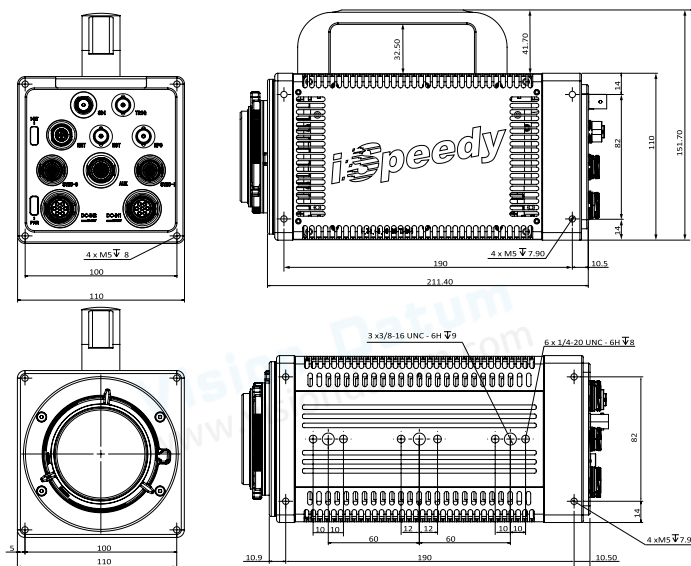
Camera	iSpeedy10MT210M/C
Resolution [H*V]	5120×4096
Full Frame Rate	1000fps
Max Frame Rate	20000fps
Min Exposure Time	1us
Pixel Size	4.5um
Standard RAM	40G, 80G, 160G, 320G (Optional)
Extended Memory	/
Shutter	Global
Dynamic Range	64dB
Analog Gain	×2、×4、×8
Sensitivity	ISO10000(Mono); ISO3000(Color)
Bit 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, IIRGB 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)		
		40GB	80GB	160GB
5120×4096	1000fps	2s	4s	8s
5120×3072	1300fps	2.1s	4.2s	8.4s
5120×2048	2000fps	2s	4s	8s
5120×1024	3800fps	2.1s	4.3s	8.6s
5120×640	5800fps	2.2s	4.5s	9s
5120×256	11500fps	2.8s	5.6s	11.2s
5120×64	20000fps	6.5s	13s	26s

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

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

