

UP To 60000 fps

- 5.1MP @4500 fps
- Support up to 64 memory partitions
- 10GigE data interface, compatible with GigE
- Automatic triggering of image changes

ISPEEDY45MT51M/C



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

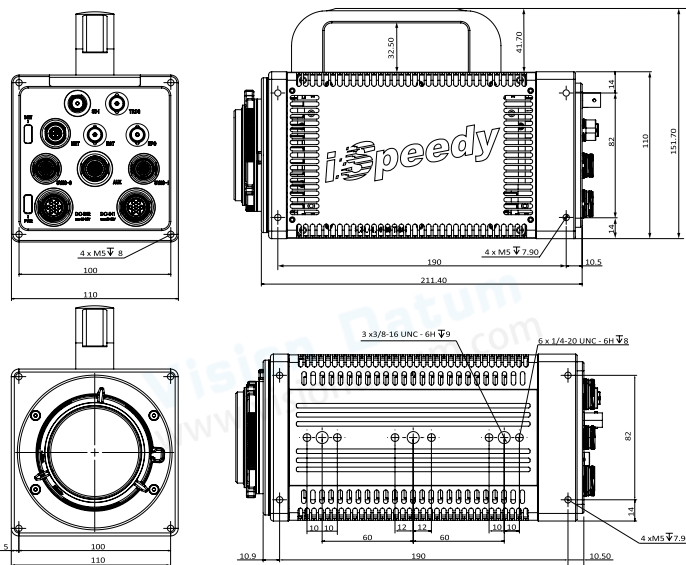
Camera	iSpeedy45MT51M/C
Resolution [H*V]	2560×2016
Full Frame Rate	4500fps
Max Frame Rate	60000fps
Min Exposure Time	1us
Pixel Size	9um
Standard RAM	40G, 80G, 160G, 320G (Optional)
Extended Memory	/
Shutter	Global
Dynamic Range	64dB
Analog Gain	×2、×4、×8
Sensitivity	ISO10000(Mono); ISO3000(Color)
Bit 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, 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)		
		40GB	80GB	160GB
2560×2016	4500fps	1.8s	3.7s	7.4s
2560×1536	5600fps	1.9s	3.9s	7.8s
2560×1280	6600fps	1.9s	3.9s	7.9s
2560×512	13000fps	2.5s	5.0s	10s
2560×256	20000fps	3.2s	6.5s	13s
2560×128	28000fps	4.6s	9.3s	18s
2560×32	60000fps	8.7s	17s	34s

※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

