

High-speed camera

X Ultra High Speed Series



Claims

- **Ultra-high capture rates**

1M Pixel @10,000fps, up to 500,000fps

- **Broadcast image quality**

Raw data recording, color optimization module with algorithms for white balance, color correction, gamma, noise removal, fog removal, sharpening, etc.

- **Continuous recording**

256GB high-speed RAM storage

- **Multi-scene adaptation and usability**

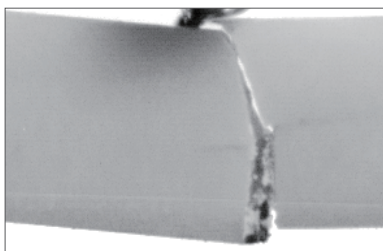
Rich features such as EDR, PIV, image triggering, quick positioning Of key frames, etc. for more application scenarios.

Applications

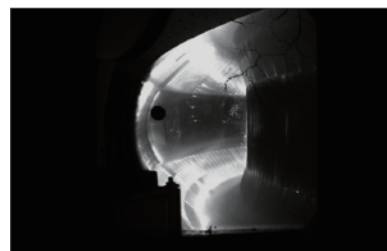
Explosion , shell out



Mechanics of materials



Discharge research



Specification

SKU	X1010	X520
Resolution	1280×860	2560×1920
Frame@full resolution	10,000	2000
Memory/GB	256	256
Power/W	≤60	≤60
Size W×H×D/mm	170×140×304	170×140×304
Weight/g	≤6500	≤6500

Feature

SKU	X1010	X520
ROI	●	●
Color optimization	●	●
H.264	●	●
Military flight plugs	●	●
GigE	●	●
Sync IN/OUT	●	●
HD-SDI	●	●
RS-422	●	●
IRIG-B	●	●
Image triggering	●	●
AE	●	●
PIV	○	○
High and low temperature	○	○
UPS	●	●
Motion analysis	●	●
SDK	●	●

● Available ○ Customized - Not available

Size

X1010/X520

