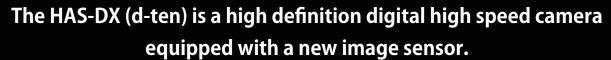




Capable of Full HD at 2,000fps

Maximum shooting speed at 100,000fps

Flagship high definition digital high speed camera



HA5.□X

DITECT

With a resolution of 2 mega pixels, high-speed shooting at 2,000fps is possible.

Laptop PC can also be used by the connection with USB3.0,

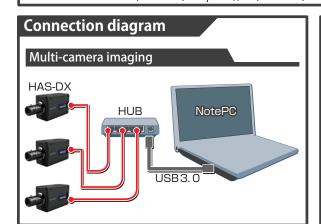
and it enables the easy operation of high-definition high-speed shooting.

- Capable of high-speed shooting at 2,000fps with full HD
- ◆ High-speed interface enables live video confirmation without delay
- Record at short intervals with auto save trigger or random trigger
- Play back of slow motion video is available immediately after recording
- Support multi-camera synchronized shooting with external synchronization and external trigger
- Ideal for stereo 3D motion analysis, 3D flow measurement with 3DPTV, and stereo PIV
- Standard control software makes multi-camera video confirmation and control easy
- With a clear GUI that is conscious of tablet PCs, highly flexible field operation is possible

# Full HD at 2,000fps

## Maximum shooting speed at 100,000fps

Frame rate and image size												
SIZE	H	1920	1280	1280	800	1920	640	320	160	1920	1920	1920
FPS↓	V	1080	1024	720	600	480	480	240	120	32	28	24
30		•	•	•			•				•	
2000									•			
2900												
3500									•			
4300									•			
8400												
15800									•			
43700												
47500												
52000												
Can choose from 57,500FPS(V20pixel), 64,300FPS(V16pixel), 85,100FPS(V8pixel), 100,000FPS(V4pixel) [Horizontal 1920pixel]												



#### Camera control software

Easy control is possible with touch panel layout support.

A number of functions such as live view rotation / grid display / gain / gamma / bit shift / white balance are available by one action.



Specifications							
Camera							
Camera type	Monochrome(HAS-DXM)						
	Color(HAS-DXC)						
AD	10bit						
Sensor type	CMOS						
Effective resolution	1,920×1,080(Full HD)						
Sensor format	4/3 inch						
Lens mount	C-mount						
Interface	USB 3. 0						
<b>Exposure time</b>	Minimum 1 $\mu$ sec						
Sensitivity	20V/lx. s(mono)/6V/lx. s(color)						
Power delivery	DC12V(12pin Connector)						
	AC Adapter(accessory)						
Body size	82mm×110mm×185mm						
Electric requirements	20W						
Body weight	1,320g(8GB model)						
Recording memory	8GB(16GB as option)						
Supported trigger	TTL/Contact signal						
Camera control software							
Display mode	Live/Stop/Playback						
Recording mode	Normal / Endless loop						
Trigger mode	Start / End / Variable / Motion trigger						
Supported image format	AVI, WMV, MP4, BMP, JPEG, PNG						
Supported OS	Windows 7/8. 1/10						

<sup>\*</sup>Specifications and external appearance may be subject to change without notice.



### D/1/T/E/C/T

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