

Digital high speed camera
HAS-D73

**Capable of 2,000 FPS at
1.3 megapixel (1,280 × 1,024)**



**HAS-D73 is a digital high-speed camera
equipped with a new image sensor.
1,280 × 1,024 resolution is possible with up to 2,000 FPS.
Simple connection with laptop PC by USB 3.0 cable.**

- Capable of 2,000 FPS at 1.3 megapixel (1,280 × 1,024)
- High-speed interface allows to see the live video without delay
- Available to split a single video file and save as several video files
- Play back of slow motion video is available immediately after recording
- Support multi-camera synchronized shooting with external synchronization and external trigger
- Suitable for stereo 3D measurement and stereo PIV measurement
- Standard software allows to check videos from multiple cameras and makes it easy to control them
- With a user-friendly GUI developed in consideration of using with tablet PCs, highly mobile and flexible operations are possible

1,280 × 1,024 pixels at 2,000 FPS

Well balanced between frame rate and resolution

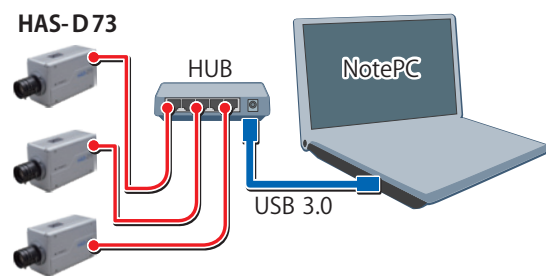
Frame rate and image size

SIZE ▶	H	1,280	1,280	640	1,280	320	1,280	256	800
FPS ▼	V	1,028	480	480	240	240	116	116	600
60		●	●	●	●	●	●	●	●
*		●	●	●	●	●	●	●	●
500		●	●	●	●	●	●	●	●
1,000		●	●	●	●	●	●	●	●
2,000		◎	●	●	●	●	●	●	●
3,000									◎
4,000			◎	◎	●	●	●	●	
8,000					◎	◎	●	●	
15,000							◎	◎	
Max number of frames		6,526	13,978	27,959	27,959	111,844	57,849	289,255	17,893
Max recording time (sec)		3.26	3.49	6.98	3.49	13.98	3.85	19.28	5.96

※The following frame rates are also available for each resolution: 100, 120, 150, 200, 240, 250, 300, 400

Connection diagram

Multi-camera imaging



Option

High-speed recording can be conducted even outdoors with no access to a power source
A fully charged battery can provide about 1-hour recording time (*the longevity may vary depending on the environment)

▼ Battery



▼ HAS-D73



Specifications

Camera

Camera type	Monochrome (HAS-D73M) / Color (HAS-D73C)
Sensor type	CMOS
Effective resolution	1,280×1,024 (SXGA)
Sensor format	1 inch
Lens mount	C-mount
Interface	USB 3.0
Exposure time	Minimum 1μsec
Sensitivity	20 V / lx.s (mono) / 6 V / lx.s (color)
Power delivery	DC 12 V (12 pin connector)/AC adapter (accessory)
Body size	82×110×185mm
Electric requirement	20 W
Body weight	1,320 g (8 GB model)
Recording memory	8 GB (16 GB 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 8.1 / 10 / 11

*Specifications and external appearance may be subject to change without notice.



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Digital Image Technology

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