

*Digital high speed camera*  
**HAS-D73**



**HAS-D73 is a digital high speed camera equipped with a new image sensor.  
1280x1024 resolution is possible with up to 2,000fps.  
Simple connection with laptop PC by USB3.0 cable.**

- Capable of 2,000fps at 1.3 mega pixel (1280x1024)
- High-speed interface enables live video confirmation 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 camera 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

# 1280x1024 pixels at 2,000fps

## Well balanced between frame rate and resolution

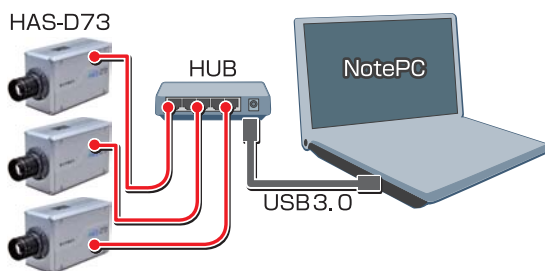
### Frame rate and image size

SIZE▶	H	1280	1280	1280	1280
FPS▼	V	1024	480	240	116
500		●	●	●	●
1000		●	●	●	●
2000		◎	●	●	●
4000			◎	●	●
8000				◎	●
10000					●
15000					◎
Maximum number of frames		6551	13978	27959	55921
Maximum recording time (sec)		3. 27	3. 49	3. 61	3. 72

\* Maximum recording time is in case of maximum frame rate for each image size (◎ in the table).

### Connection diagram

#### Multi-camera imaging



### 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-D73M) / Color (HAS-D73C)
Sensor type	CMOS
Effective resolution	1280x1024 (SXGA)
Sensor format	1 inch
Lens mount	C-mount
Interface	USB3. 0
Exposure time	Minimum 1 $\mu$ sec
Sensitivity	20V/lx.s (mono) / 6V/lx.s (color)
Power delivery	DC12V (12pin connector) / AC adapter (accessory)
Body size	82x110x185mm
Electric requirement	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

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



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