World's First!

For ESPEC Environmental Test Chamber
Chamber Cam (HD)
Chamber Cam (4K)

We will monitor/observe samples on your behalf

Chamber Cam (HD) takes a direct picture of the entire sample in the chamber and monitors it for overall changes. Chamber Cam (4K) provides high-definition images (4K) of the surface shape and color changes of samples in the chamber.

※ This camera is designed to be attached to a temperature (& humidity) chamber, allowing for direct photographic observation of the chamber's interior.
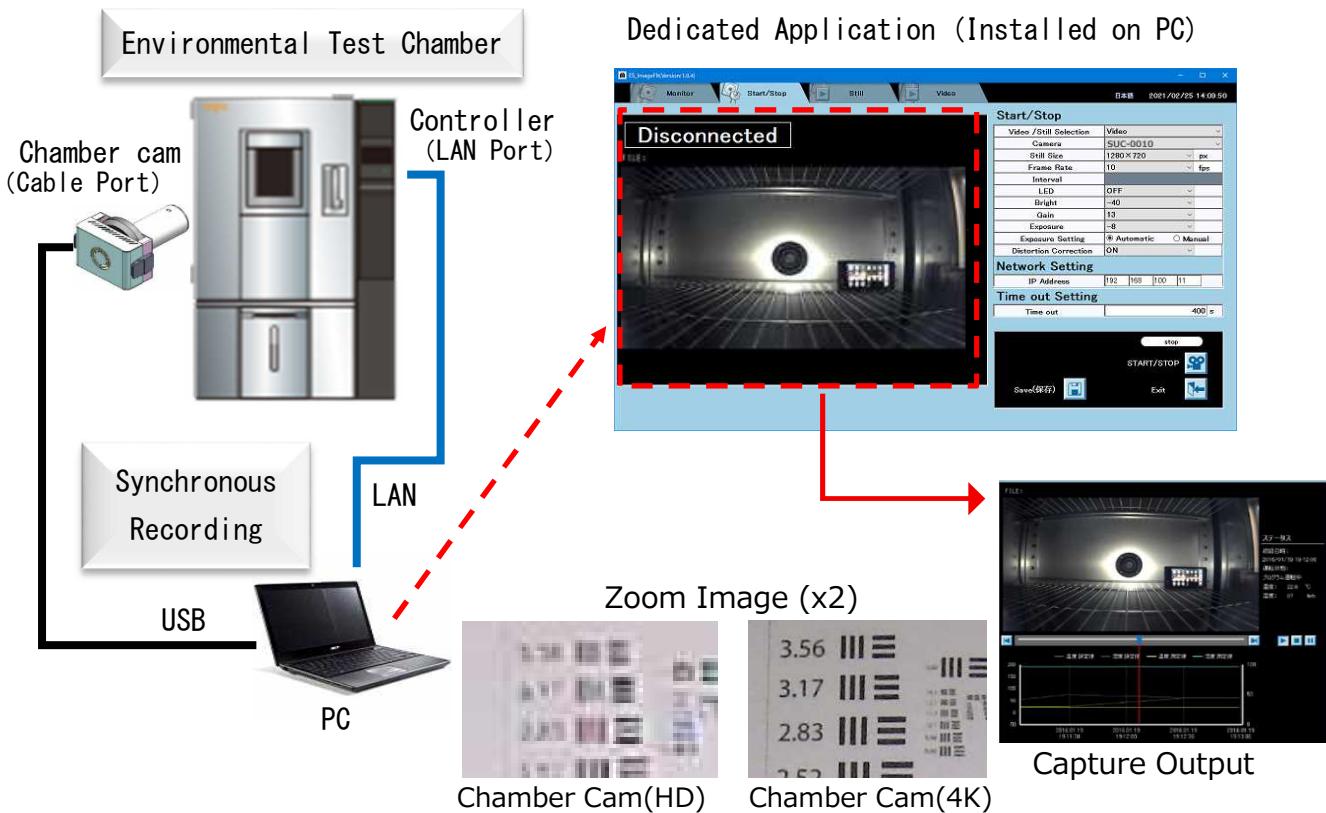
Merit

- **No fogging even in high humidity environments**
- **Can be used at temperatures above 100°C**
- **LED lights illuminate the dark inside**
- **Can be attached to your chamber**
- **Capable of synchronous recording of images and temperature/humidity information**

Chamber Cam (HD)

Chamber Cam (4K)

Usage Image

Environmental Test Chamber

Chamber cam (Cable Port)

Controller (LAN Port)

Synchronous Recording

LAN

USB

PC

Dedicated Application (Installed on PC)

Disconnected

Zoom Image (x2)

Chamber Cam(HD)

Chamber Cam(4K)

Capture Output

Camera

Product name	Chamber Cam（4K）	Chamber Cam（HD）
Model	SUC-1000-4K	SUC-0030-HD
Available chamber ※	Platinous J Series Bench-Top Type Series, etc.	
Test area temperature and humidity	−40℃～＋150℃/0～98%rh	
Image pixel	4K（3840×2160）	HD（1280×720）
Interface	USB 2.0　※Cable connection (USB Type A)	
Camera weight	Approx.750g	Approx.700g
Dimensions（W×H×D）	124×98×164mm	124×98×156.5mm

※Controller P310 and P200 compatible. Cable port Φ50mm or Φ100mm is required.

※AC adapter: AC100 to AC230V with 5 types of conversion plugs

※2 types of adapters included (Φ50-D70 for Bench-Top Type Series, Φ100-D100 for Φ100 cable port)

※2 years warranty, CE standard, RoHS standard

Application　（ES-ImageFit）

The dedicated application (ES-ImageFit) controls a Chamber Cam (HD) and performs synchronous recording of sample images and test information (test data/trend graphs).

Product name		Chamber Cam（4K）	Chamber Cam（HD）
Screen Specifications		Four screen settings: camera monitor, settings (video/still image), still image playback, and video playback	
PC Specs	OS/CPU	windows10/ core i5 or higher	
Zoom function		X1/x2/x4/x5	X1/x1.5/x2
Video		mp4, file creation per minute	
		Frame rate: 3fps/5fps	Frame rate: 5fps/10fps
Shooting time (reference) ※Free space: 250GB		File capacity : 57MB/min(3fps) Continuous shooting time: approx. 73 hours (3fps)	File size: 2.5 MB/min (5 fps) Continuous shooting time: approx. 1,660 hours (5 fps)
Still image		Shooting interval: 1 sec to 60 sec *JPEG	
Shooting time (reference) *Free space: 250 GB		File size : 2MB/picture Continuous shooting time: approx. 34 hours (1 sec/interval)	File size : 0.2MB/sheet Continuous shooting time: approx. 340 hours (1 sec/interval)

Customized proposal: Remote monitoring and centralized management

Images from Chamber Cam (HD) can be viewed remotely.

Please contact us for more details.