

Product – High Speed Camera

NEO Series

High sensitivity and ultra-high speed



70%+ quantum efficiency
BSI CMOS; Full frame 25000 FPS
1280*16 1,000,000 FPS

NEO 25M/C

1280*1024 @25000FPS

NEO 25M/C

1280*1024 @20000FPS

NEO 25M/C

1280*1024 @16000FPS

S Series

Ultra-high speed and Large Memory



High speed RAM 192GB
10TB SSD; Full frame 15000 FPS
1280*8 1,060,000 FPS

S1315M/C

1280*1024 @15000FPS

S1310M/C

1280*1024 @10000FPS

S1307M/C

1280*1024 @7000FPS

S1305M/C

1280*1024 @5000FPS

G_Pro Series

Ultra high definition and ultra-high speed



Film-level image quality
10TB SSD; 192GB RAM
Data transmission 29GB/s

G520M/C Pro

2560*2016 @2000FPS

G536M/C Pro

2560*2016 @3600FPS

G820M/C Pro

4096*2048 @2000FPS

G2110M/C Pro

5120*4096 @1000FPS

Product – High Speed Camera

M Series

High integration



75*75*97mm
Shock-resistant
weight \leq 820g

GR Series

Compact size, flexible to use



65*65*61mm
Data transmission 4GB/s
weigh 500g

M230M/C

1920*1080 @3000FPS

M220M/C

1280*1024 @2000FPS

GR220M

1920*1088 @2200FPS

GR210M

1920*1088 @1000FPS

GR120M

1024*1024 @2000FPS

GR110M

1024*1024 @1000FPS

DIC Solutions



RDIC-HS 3D



RDIC-STD 3D

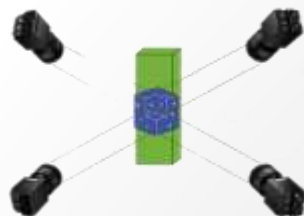


RVE

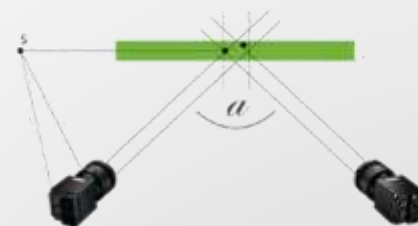


RDIC-EDU

PIV Solutions



PIV-3D3C



PIV-2D3C



PIV-2D2C



PIV-EDU

Product - sCMOS/Measurement System/Customized Solution

sCMOS

High Sensitivity



Gpixel GSENSE BSI sensor
Low-light Imaging
Large field of view

Gloria 4.2

1.2e-; 135FPS; 95%QE

Gloria 10

0.7e-; 160FPS; 95%QE

Gloria 5.5

1.2e-; 200FPS; 95%QE

Measurement System

High Sensitivity



Gpixel GSENSE BSI sensor
Low-light Imaging
Large field of view

Binocular
Stereo Vision

Field of view: 50m-1km

Aircraft-
mounted

Field of view: 100m

Servo
Tracking

2560*2048@3600FPS

Customized Solution



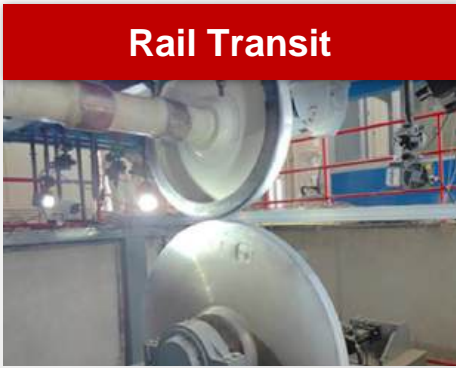
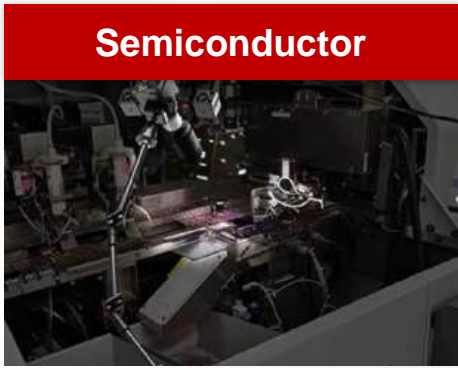
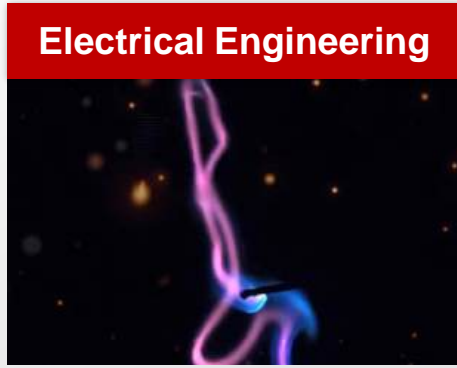
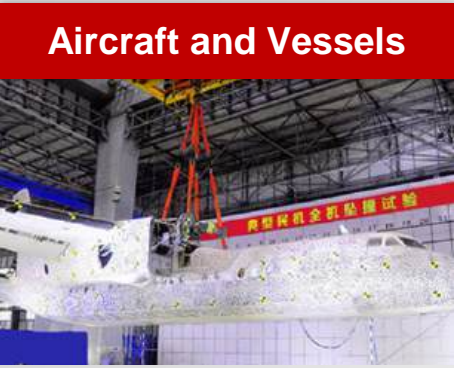
Industry Use

Multi factories

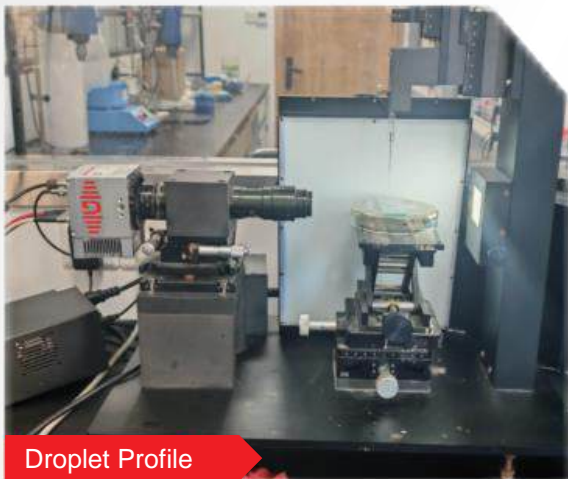
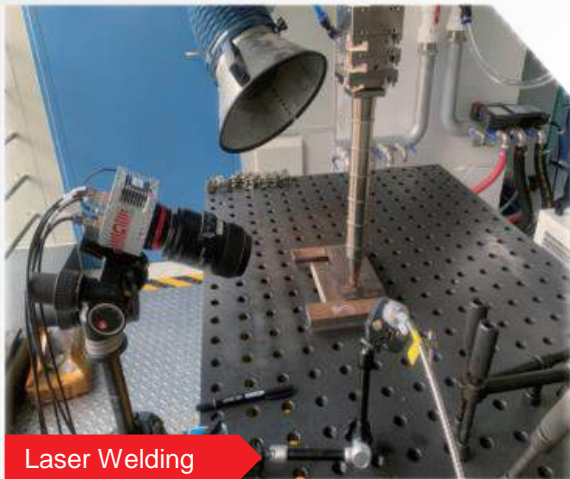
R&D Use

University and institute

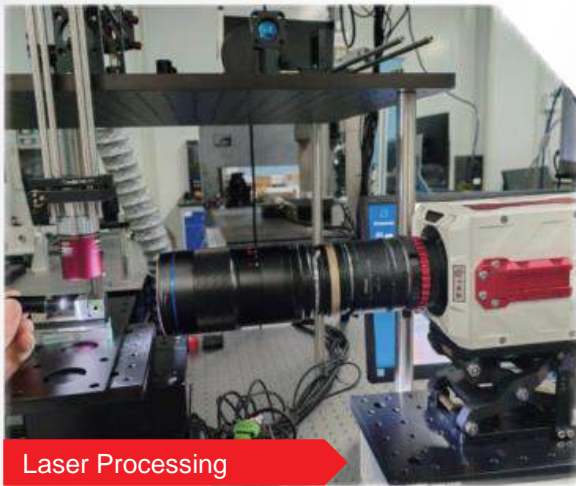
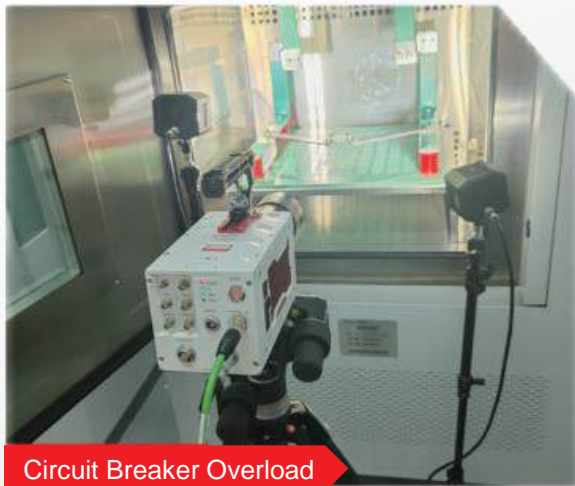
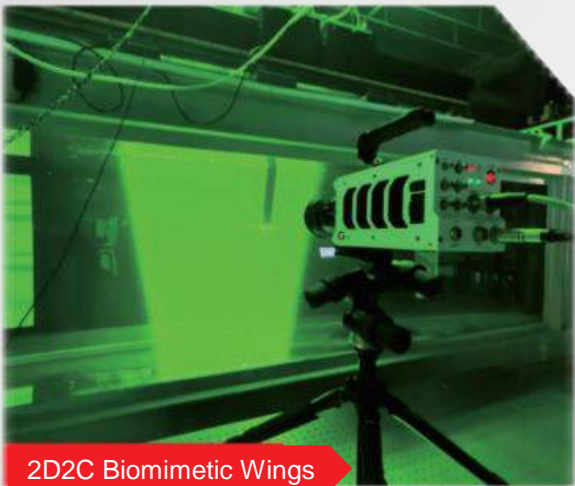
Typical Application Scenarios



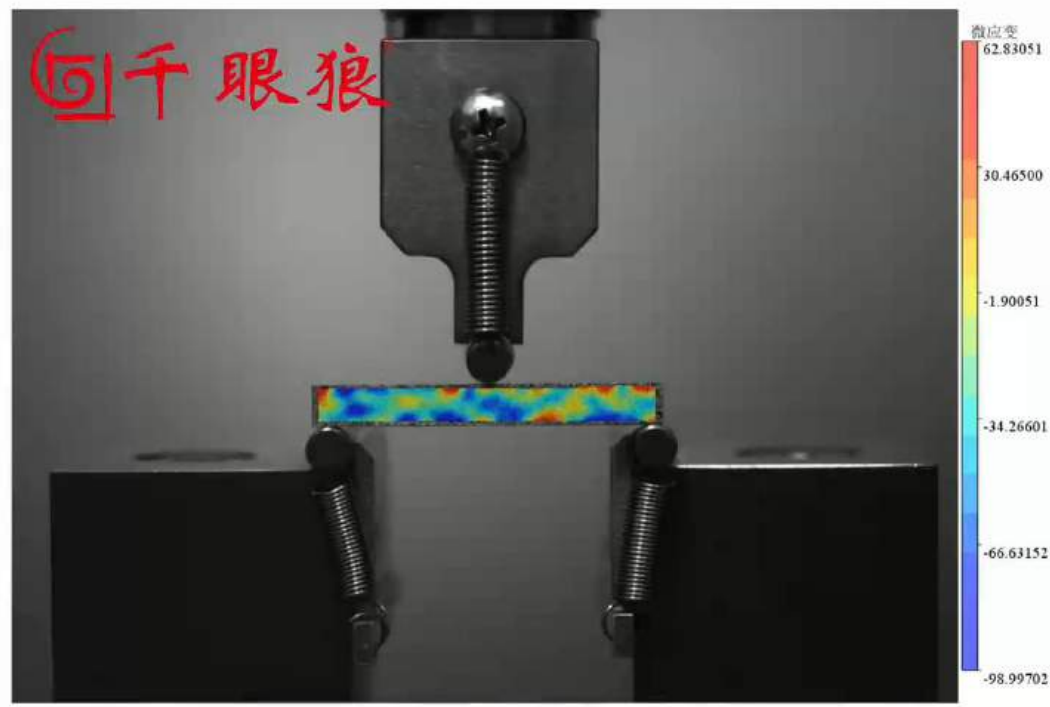
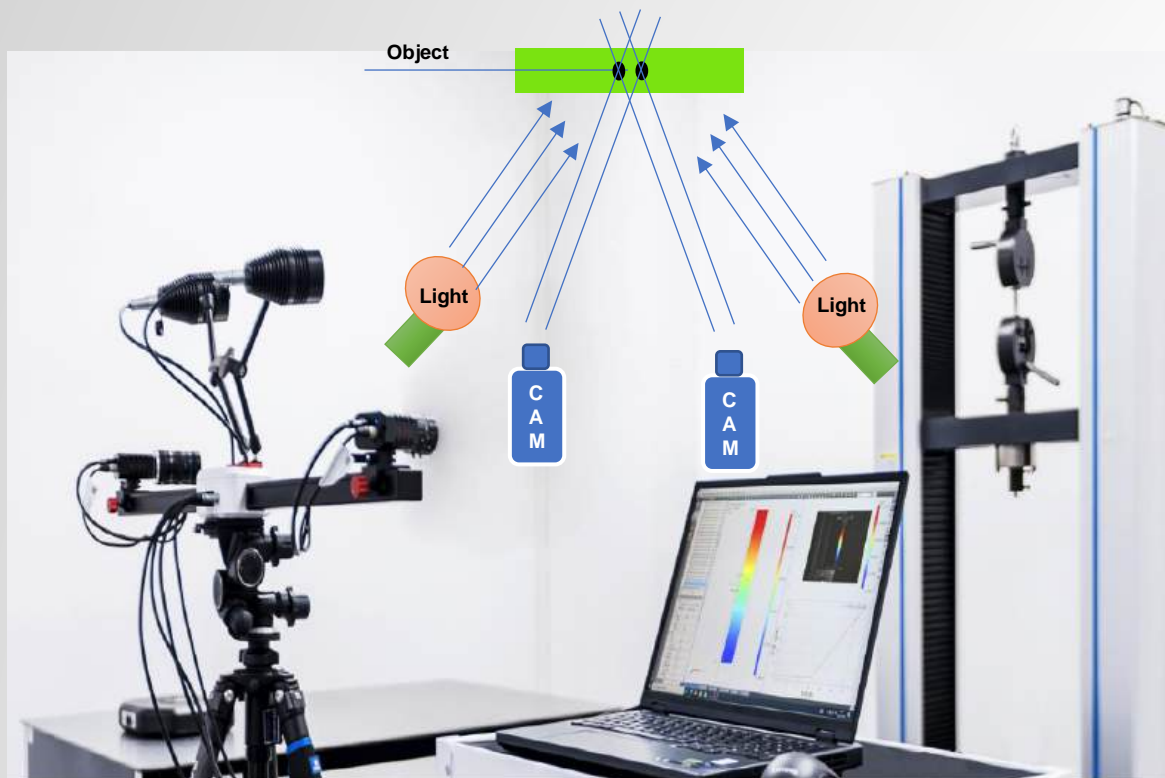
Typical Application Scenarios



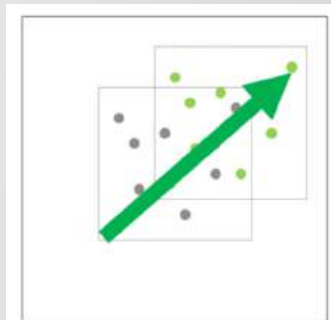
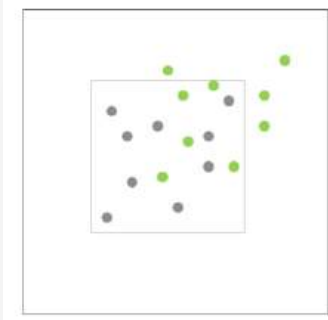
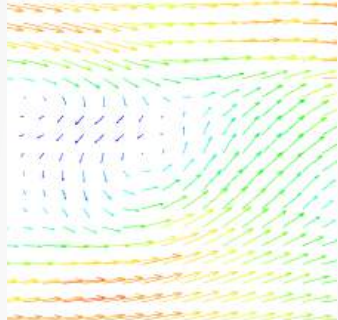
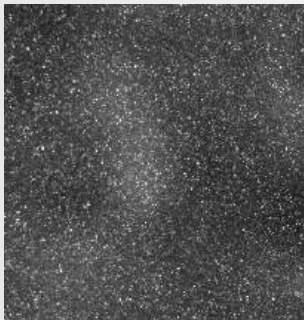
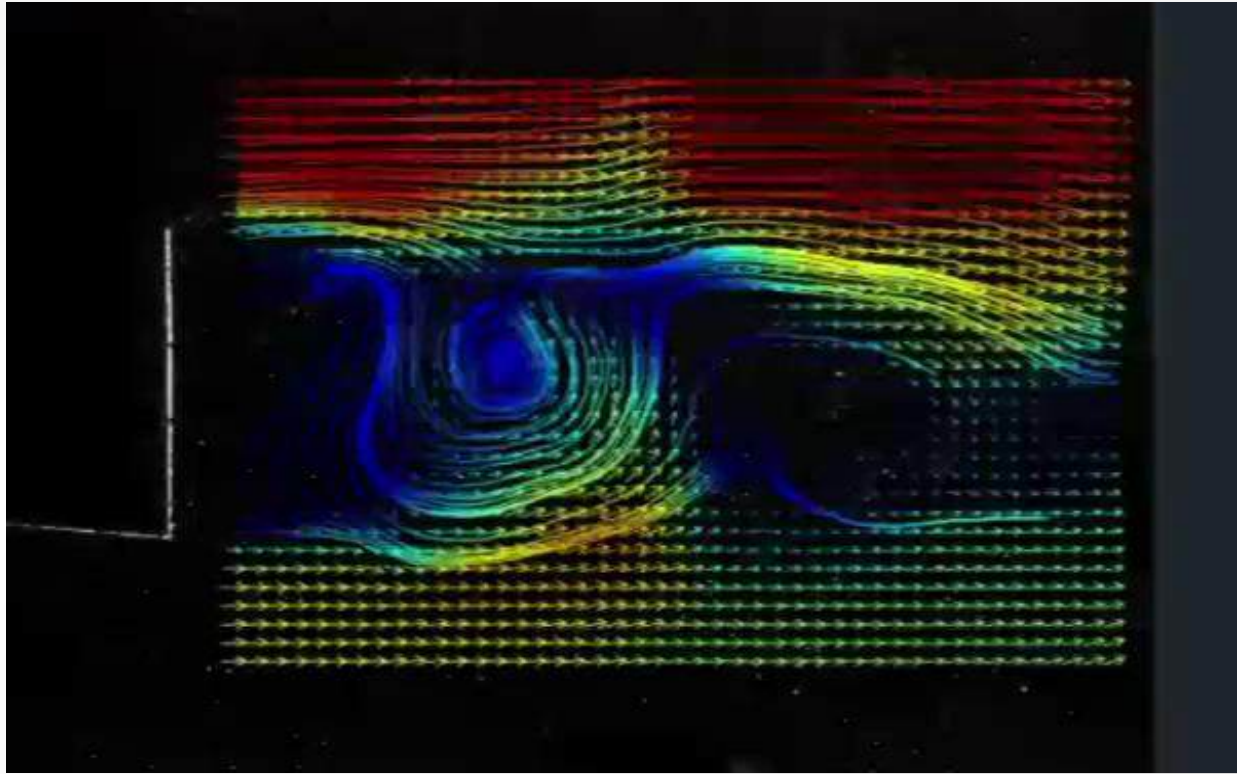
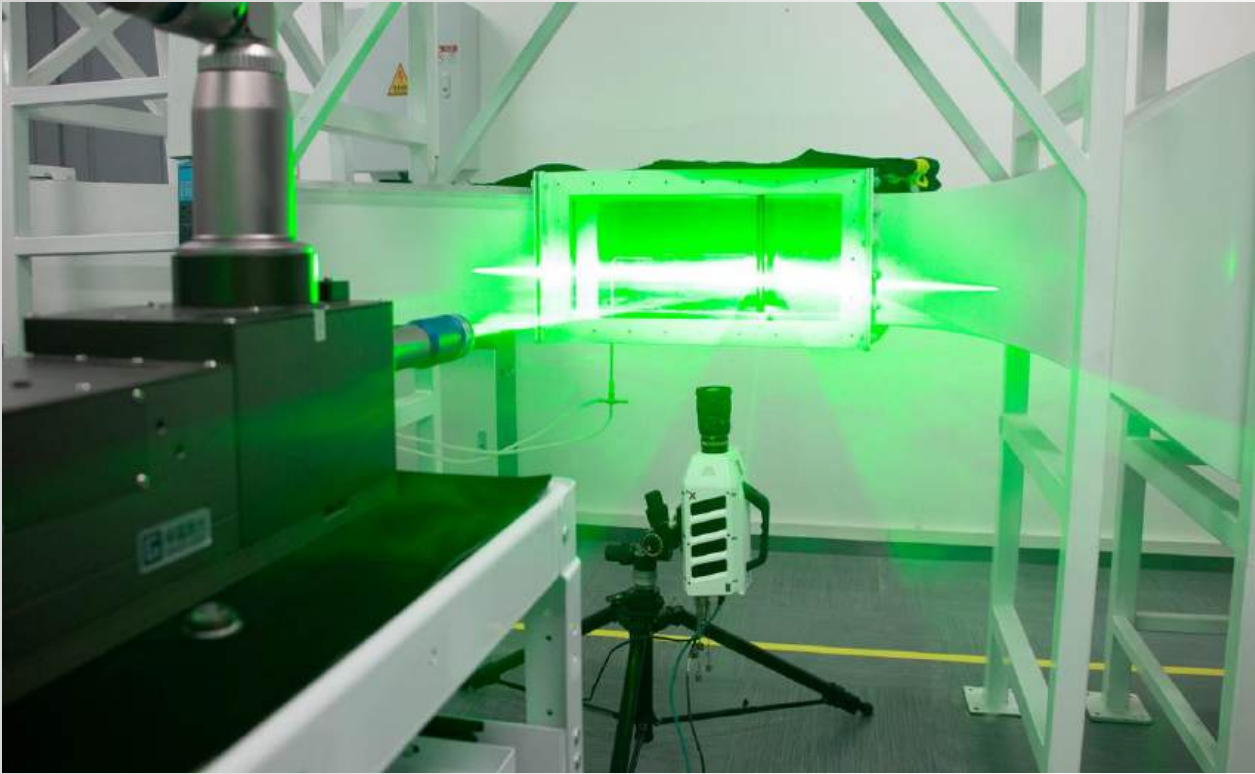
Typical Application Scenarios



Test Video Cases- Image Related Deformation Measurement



Test Video Cases - Particle Flow Field Velocity Measurement



Typical Application Scenarios

