

# LARGE FIELD OF VIEW DYNAMIC MEASUREMENT SYSTEM

## PART NO. ISD-LF

SUBPIXEL MEASUREMENT  
ACCURACY

WIDE MEASURING  
RANGE

CUSTOM-MADE



- A three-dimension dynamic system based on tracking of marking points, using close-range industrial photogrammetry and visual triangulation
- Measuring the trajectory, attitude and velocity accurately of the marking point in 3D space
- Analyzes data such as 3D coordinates, 3D motion deformation, 3D velocity and acceleration, 3D trajectory measurement, and 6-degree-of-freedom measurement
- Measurement results can be provided as images, tables, videos, curves, customized data, etc
- Adaptable to high and low temperatures, high-speed shock, vibration and other environments
- Traceable testing process

### Application



deformation monitoring of  
large building vibration test



deformation monitoring of bridges and tunnels

### SPECIFICATION

Pixel	5M~25M
View field	39.3"~7874"
Real-time measurement speed	20hz~500hz
Accuracy	0.01%

\* Customized according to actual scenarios

### STANDARD DELIVERY

Camera	2 pcs
Tripod	1 pc
Computer	1 pc
Three-dimension software	1 pc



wind blade deformation inspection



static and dynamic load deformation  
inspection of large traveling frame structures