

LASER POSITION SYSTEM

PART NO. DLP-V300-U

- DYNAMIC TRACKING
- LASER POSITION
- SUB-MILLIMETER POSITION ACCURACY



- Used to composite layup, aerospace, automotive engineering, shipbuilding, rail transit, precast concrete production and heavy machinery
- Suitable for precision positioning, operation guidance, laser marking, drilling, welding and defect inspection
- Laser projection positioning system with high-precision binocular machine vision
- Equipped with dynamic tracking
- Supports automatic foreign object positioning and analysis
- Automatically records operations, generates digital documents and databases
- Supporting hierarchical user permission settings

STANDARD DELIVERY

Main unit	1 pc
Tripod	1 pc
Remote controller	1 pc
Software	1 pc
Calibration board	1 pc

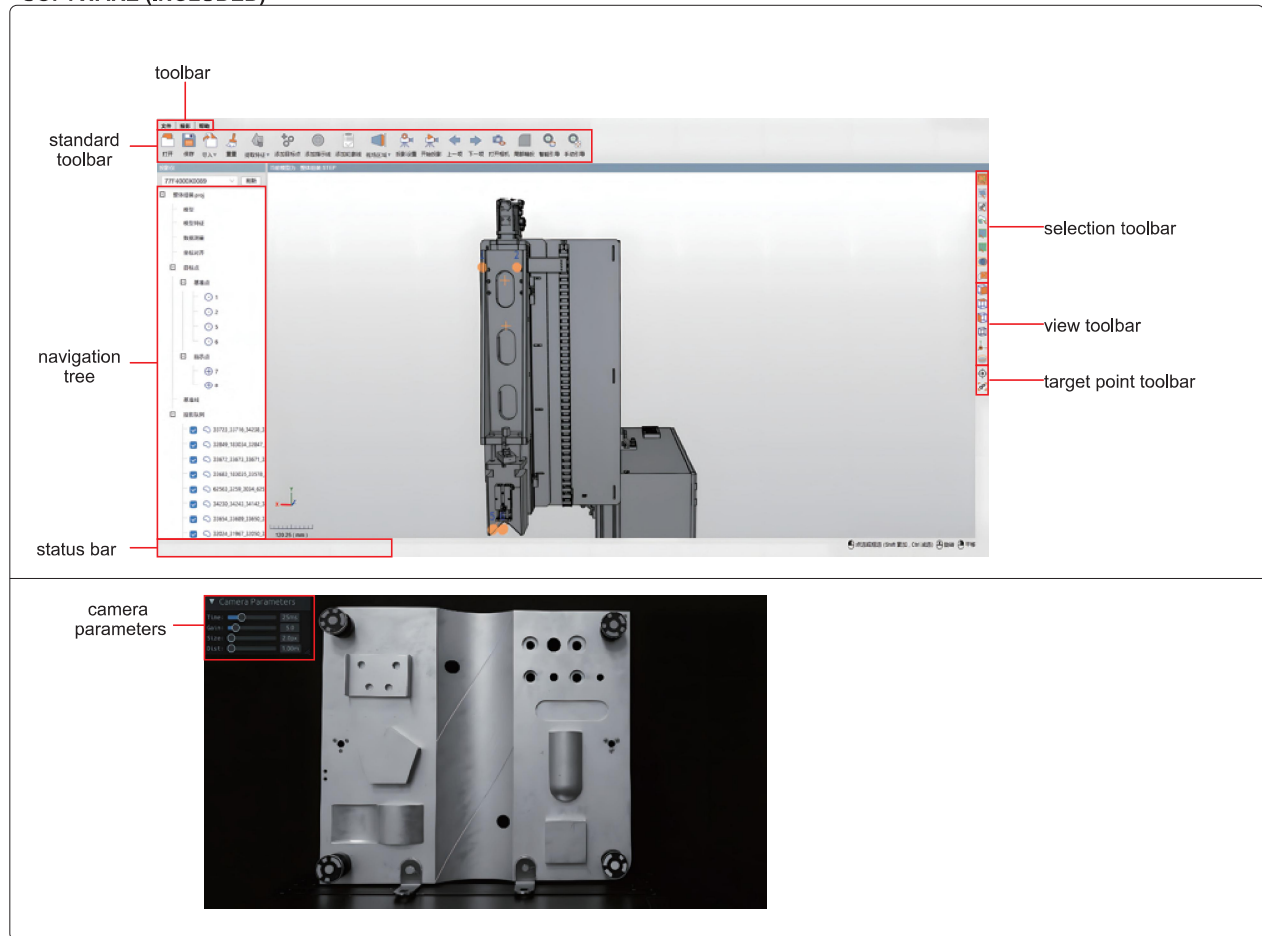
POSITION RANGE

Working distance	Position range
78.74"	91.54×91.54"
118.11"	136.22×136.22"
157.48"	181.89×181.89"
196.85"	227.57×227.57"

SPECIFICATION

Sensor	high-precision binocular vision system
Working distance	59.06~216.54", no dynamic focusing
Projection accuracy	≥9.84mil
Projection angle	60°×60°
Laser class	3R, <5mW
Laser wavelength	520nm
Data formats	IGES, STP, DXF, DWG, compatible with FiberSIM, CATIA CPD software type
Environmental requirement	temperature: 23~104°F, relative humidity: 10~90%, no condensation
Output	USB3.0/ethernet port
Power supply	110V
Dimension (L×W×H)	22.83×7.28×6.69"
Net weight	21lb

SOFTWARE (INCLUDED)



Application



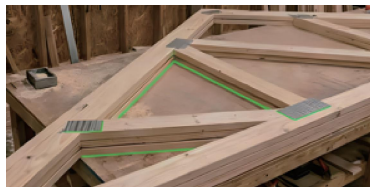
aerospace component



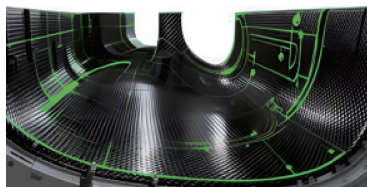
automotive body inspection



aluminum-steel structure



wood truss assembly



composite layup and painting



welding positioning