

LASER PROJECTION SYSTEMS

PARTIAL PROJECTION



DLP-L100



DLP-L600



reflective positioning head (included)



can be used with a tripod (computer is not included)

- Used to composite layout, 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 systems with high-precision binocular machine vision and equipped with dynamic tracking (DLP-L600 only)
- Partial projection, hole-free positioning
- Automatically records operations, generates digital documents and databases
- Supporting hierarchical user permission settings

POSITION RANGE

Working distance	Position range
2m	2×2m
3m	3×3m
4m	4×4m
5m	5×5m
6m	6×6m
7m	7×7m
8m	8×8m
9m	9×9m
10m	10×10m
11m	11×11m
12m	12×12m
13m	13×13m
14m	14×14m
15m	15×15m

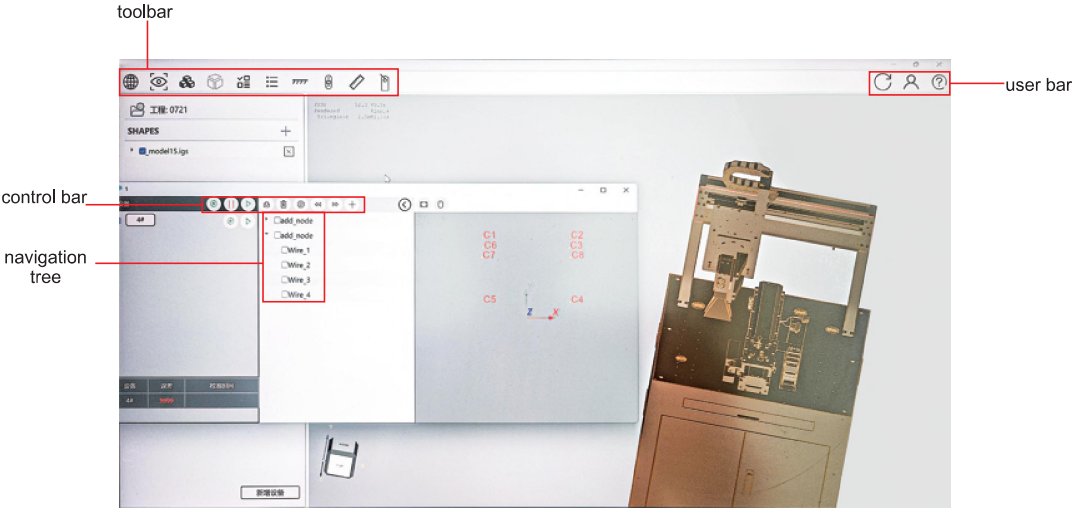
STANDARD DELIVERY

Main unit	1 pc
Tripod	1 pc
Remote controller	1 pc
Software	1 set
Reflective positioning head	1 set

SPECIFICATION

Code	DLP-L100	DLP-L600
Sensor	laser scanning sensor	high-precision binocular vision system+ laser scanning sensor
Working distance	1.5~10m (camera), 1.5~15m (laser)	
Projection accuracy	≥0.25mm	
Projection angle	60°×60°	
Laser class	3R, <5mW	
Laser wavelength	520nm	
Data formats	IGS, IGES, STP, STEP, DXF, DWG, PLY, compatible with FiberSIM, CATIA CPD software type	
Environmental requirement	temperature: 0~40°C, relative humidity: 0~90%, no condensation	
Output	USB3.0/ethernet port	
Power supply	220V 50/60Hz	
Dimension (L×W×H)	400×204×142mm	470×205×129mm
Net weight	8kg	9kg

SOFTWARE (INCLUDED)



APPLICATION



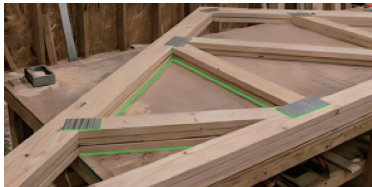
aerospace



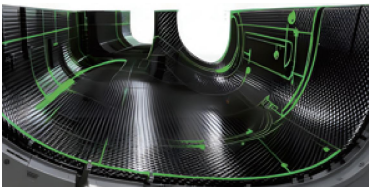
automotive



marine



construction & heavy industry

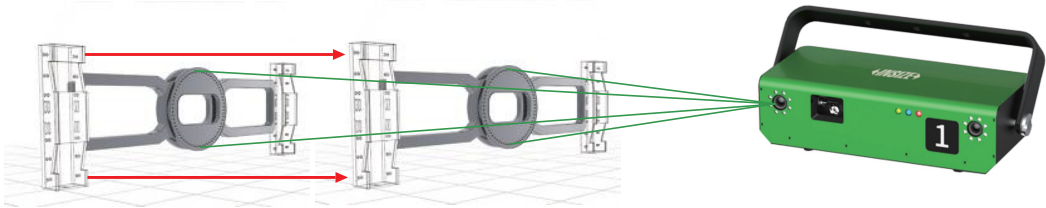


composite materials



rail transit

USAGE



dynamic tracking (DLP-L600 only)

USAGE

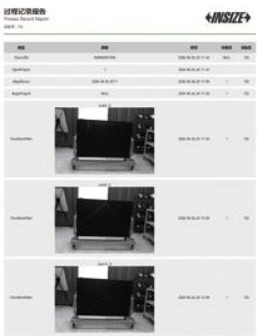
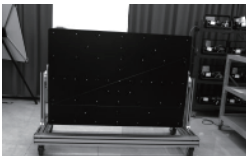
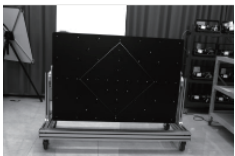
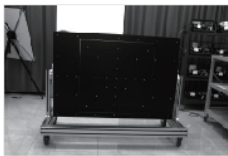
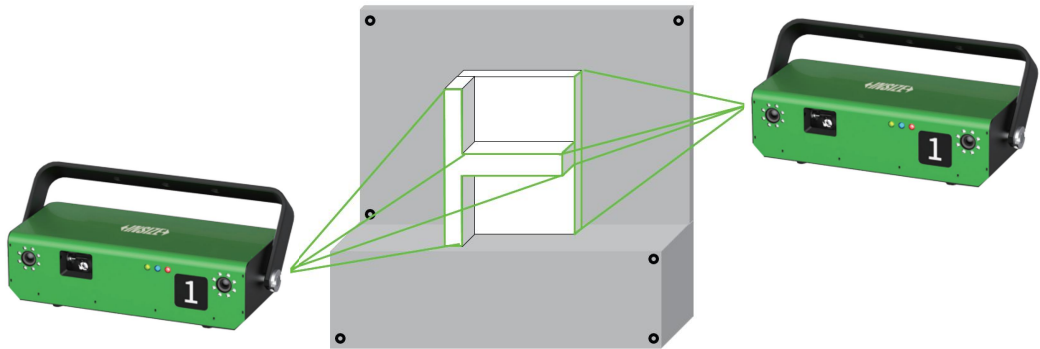
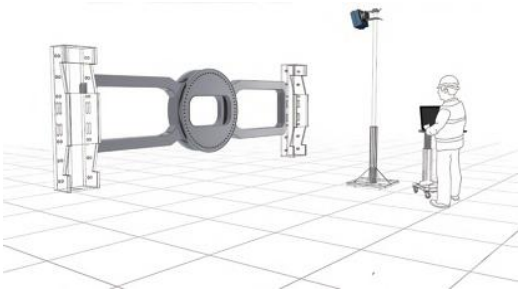


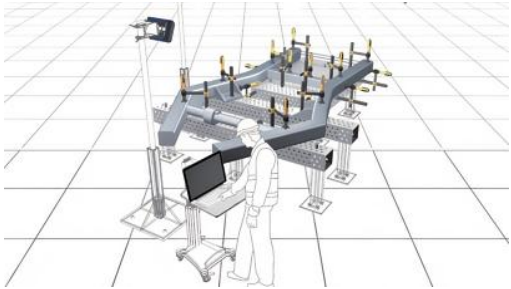
photo recording of operation process & corresponding report generation (DLP-L600 only)



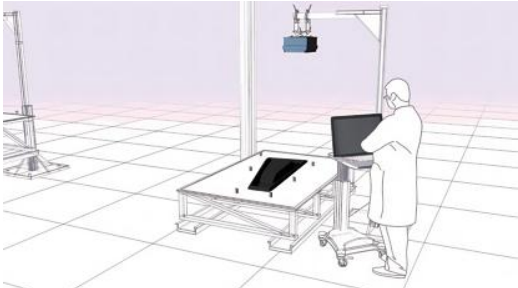
multiple devices projecting to the same target and projecting laser onto 3D surfaces (both DLP-L100 and DLP-L600)



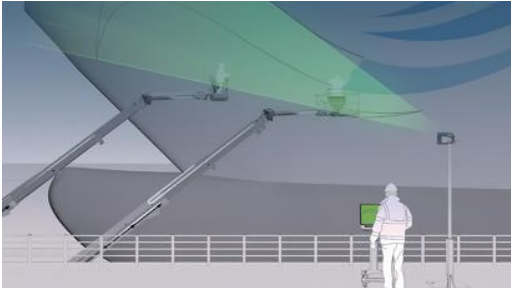
welding guidance



assembly guidance



composite layout guidance



painting and film application guidance