

LASER PROJECTION SYSTEMS

PARTIAL PROJECTION



DLP-L100-U



DLP-L600-U



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-U 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
79"	79×79"
118"	118×118"
157"	157×157"
197"	197×197"
236"	236×236"
276"	276×276"
315"	315×315"
354"	354×354"
394"	394×394"
433"	433×433"
472"	472×472"
512"	512×512"
551"	551×551"
591"	591×591"

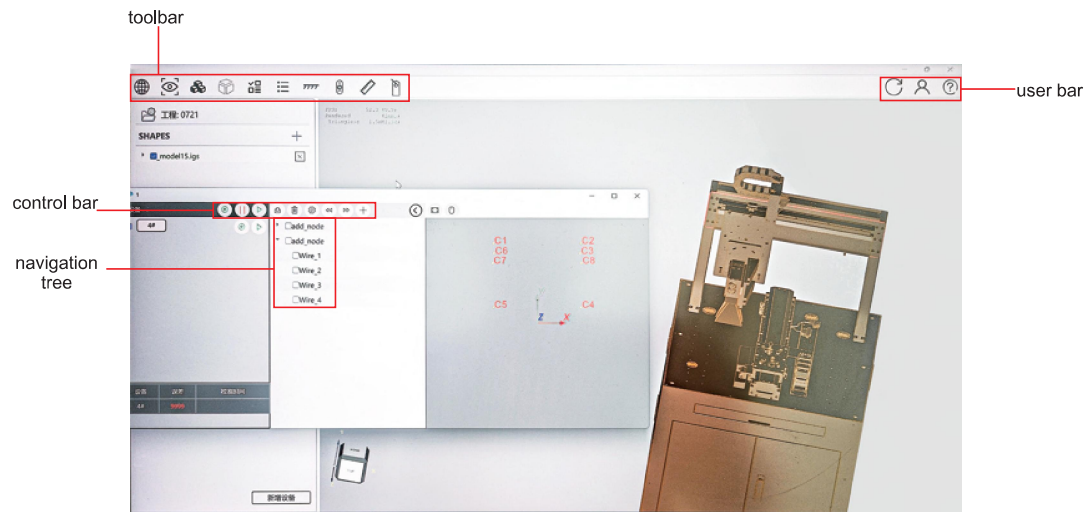
STANDARD DELIVERY

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

SPECIFICATION

Part NO.	DLP-L100-U	DLP-L600-U
Sensor	laser scanning sensor	high-precision binocular vision system+ laser scanning sensor
Working distance	59.06~393.70" (camera), 59.06~590.55" (laser)	
Projection accuracy	≥9.84mil	
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: 32~104°F, relative humidity: 0~90%, no condensation	
Output	USB3.0/ethernet port	
Power supply	110V	
Dimension (L×W×H)	15.75×8.03×5.59"	18.50×8.07×5.08"
Net weight	18lb	20lb

SOFTWARE (INCLUDED)



APPLICATION



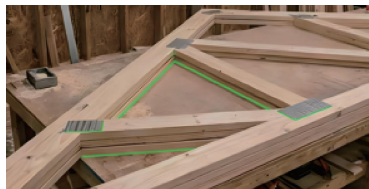
aerospace



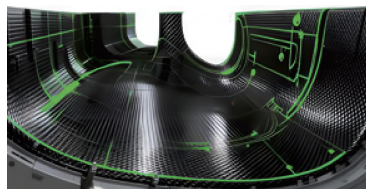
automotive



marine



construction & heavy industry

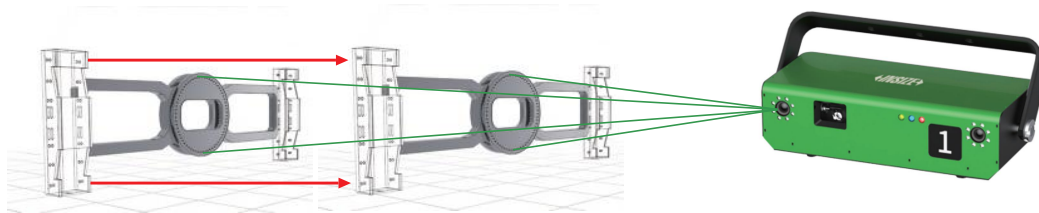


composite materials



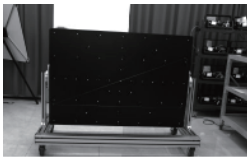
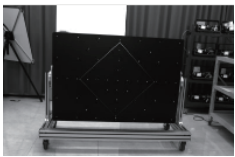
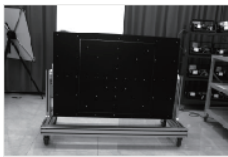
rail transit

USAGE



dynamic tracking (DLP-L600-U only)

USAGE



过程记录报告

Model: DLP-L600-U

日期: 10

序号	名称	日期	操作	备注
1	初始校准	2023-10-10	10:00	
2	目标校准	2023-10-10	10:05	
3	数据校准	2023-10-10	10:10	
4	数据校准	2023-10-10	10:15	
5	数据校准	2023-10-10	10:20	

过程记录报告

Model: DLP-L600-U

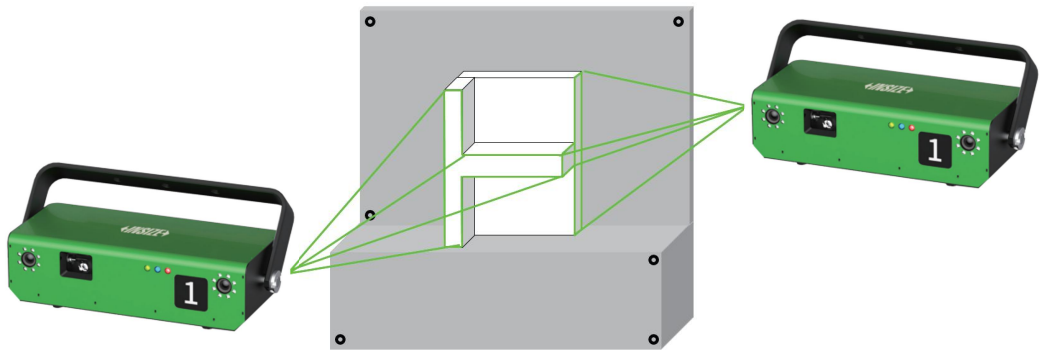
日期: 10

过程记录报告

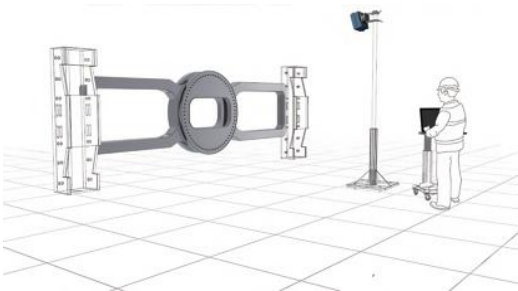
Model: DLP-L600-U

日期: 10

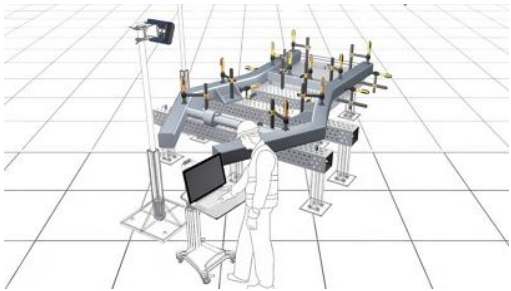
photo recording of operation process & corresponding report generation (DLP-L600-U only)



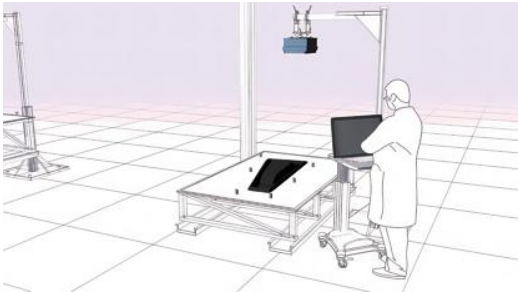
multiple devices projecting to the same target and projecting laser onto 3D surfaces (both DLP-L100-U and DLP-L600-U)



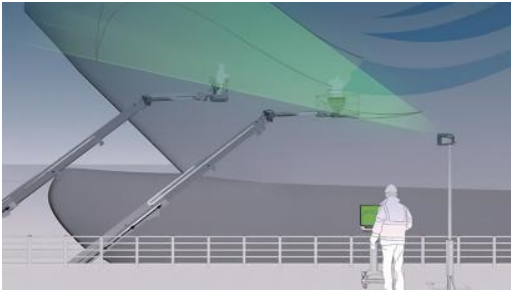
welding guidance



assembly guidance



composite layout guidance



painting and film application guidance