

LARGE FOV HANDHELD 3D SCANNER

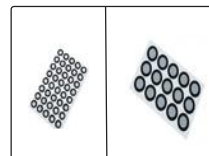
PART NO. LSM-L560S-U



camera



laser transmitter



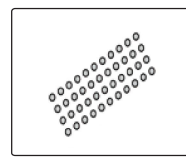
Ø6mm and Ø12mm marks (included)



calibration plate (included)



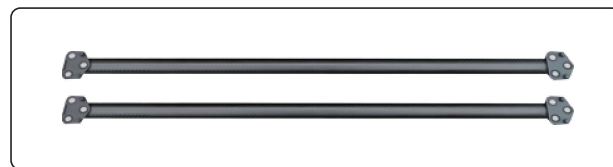
multi-function keys



magnetic target (optional)



magnetic target ball (optional)



photogrammetric rulers (included)

- Flexible operation, large FOV
- High speed and accuracy
- Built-in photogrammetry
- Real time calibration, high efficiency
- Large depth of field

SPECIFICATION

Scan mode	50 cross blue laser lines
Maximum scanning speed	7100000 measurements/s
Volume accuracy	0.1mm+0.015mm/m
Laser class	CLASS II (eye-safe)
Maximum resolution	0.5mm
Working distance (proximal)	15.7~35.4"
Working distance (middle)	35.4~70.87"
Working distance (distal)	70.87~98.4"
Maximum scanning field	86.6×86.6"
Net weight	3.04lb
Dimension (L×W×H)	16.9×5.3×3.5"

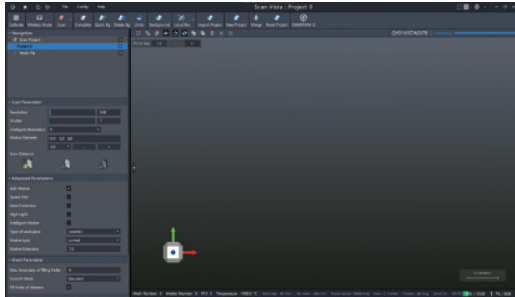
STANDARD DELIVERY

Main unit	1 pc
Scanning software	1 set
Ø6mm mark	3000 pcs
Ø12mm mark	1000 pcs
Calibration plate	2 pcs
Photogrammetric rulers	2 pcs

OPTIONAL ACCESSORY

Ø3mm mark (5000pcs)	LSM-L-RM3
Ø6mm mark (5000pcs)	LSM-L-RM6
Ø3mm magnetic target (500pcs)	LSM-L-MRM3
Ø6mm magnetic target (500pcs)	LSM-L-MRM6
Ø6mm magnetic target ball (10pcs)	LSM-L-MRB6
Ø12mm magnetic target ball (5pcs)	LSM-L-MRB12
Computer	customized according to measuring requirements

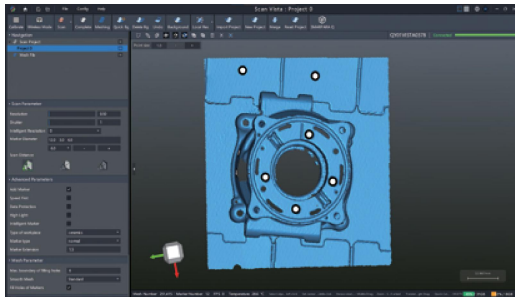
SCANNING SOFTWARE (INCLUDED)



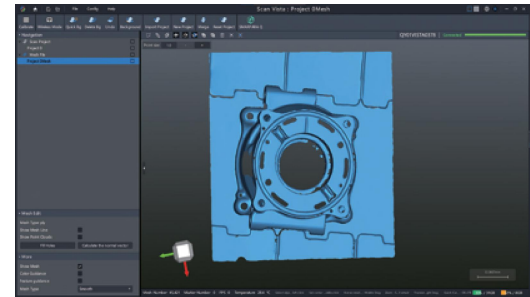
software main interface



image-guide calibration



data processing



point cloud meshing