

# Specifications

Scanning Mode	Blue single laser line	7 blue parallel laser lines	34 blue crossed laser lines	Close-Range Infrared Structured Light	Long-Range Infrared Structured Light
Accuracy	Up to 0.02mm[1]			Up to 0.075mm	
Volumetric Accuracy	0.02mm+0.08mm/m			0.075mm+0.1mm/m	
Scanning rate	108,000 measurements/s	756,000 measurements/s	1,428,000 measurements/s	4,600,000 measurements/s	
3D Resolution	0.05-2mm			0.1-2mm	
Scanning Speed	Up to 90fps			Up to 30fps	
Min. scan volume	5mm x 5mm x 5mm			150mm x 150mm x 150mm	
Single Capture Range	205mm x 147mm @200mm 293mm x 217mm @300mm 355mm x 289mm @400mm 417mm x 361mm @500mm 506mm x 433mm @600mm			293mm x 217mm @300mm  417mm x 361mm @500mm	689mm x 375mm @500mm  1245mm x 754mm @1000mm
Working distance	200mm -600mm	150mm -400mm	200-600mm	170mm -500mm	200mm -1200mm
Color Mapping	Yes				
Alignment mode	Marker / Global Marker			Marker / Global Marker / Geometry / Texture	
Color Supplemental Light	12 White LEDs				
Outdoor Scanning	Below 100,000 lux	Below 50,000 lux	Below 100,000 lux	Below 30,000 lux	
Marker Recognition Enhancement	12 Blue LEDs / 12 White LEDs				
Laser Safety	Class II (eye safe)	Class I (eye safe)	Class II (eye safe)	Class I (eye safe)	
Device Weight	508g				
Size	225mm×53mm×76mm				
Calibration board	High-precision glass calibration board				
Wireless Scanning	Supported in Conjunction with Wireless Scanning Accessories				
System Support	Windows/macOS Android/iOS (Requires Wireless Scanning Accessories)				
Computer Configuration Requirements	Windows: The following or higher configurations are recommended: i7-Gen10 CPU, Nvidia GPU (8GB VRAM), 32GB RAM, Windows 10/11 (64-bit) macOS: M1/M2/M3/M4 series, 16GB RAM				
Operating temperature	-10°C to 40°C				
Operating humidity	10-90%RH				

[1] Accuracy is evaluated in laboratory conditions and actual results may be affected by operating environments such as vibration, temperature, and other factors.