VCProbe NIR STG

ANGULAR MEASUREMENT FOR

3D Sensing
Facial Recognition
R&D
Standards Compliance Tests
Mass Production

eldim

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

VCProbe NIR

NIR STG

WAVELENGTH		Calibrated at 940 nm (other wavelength on request)
VIEWING ANGLE	Incident angle Azimuth angle	±70° 0-360°
WORKING DISTANCE		STG-1: 3.2 mm STG-2: 4 mm
PERFORMANCES	Optical resolution Linearized data	0.05° 2801*2801 pixels
FOCUS DISTANCE		100mm
ACCURACY	Radiance (W/sr/m²) Power (W)	±2% ±1%
TAKT TIME	Exposure time Processing Transfer time	300ms - 30 s Less than 1 s
USING CONDITIONS	Temperature range Humidity range	10°C to +40°C 0 to 85% non condensing

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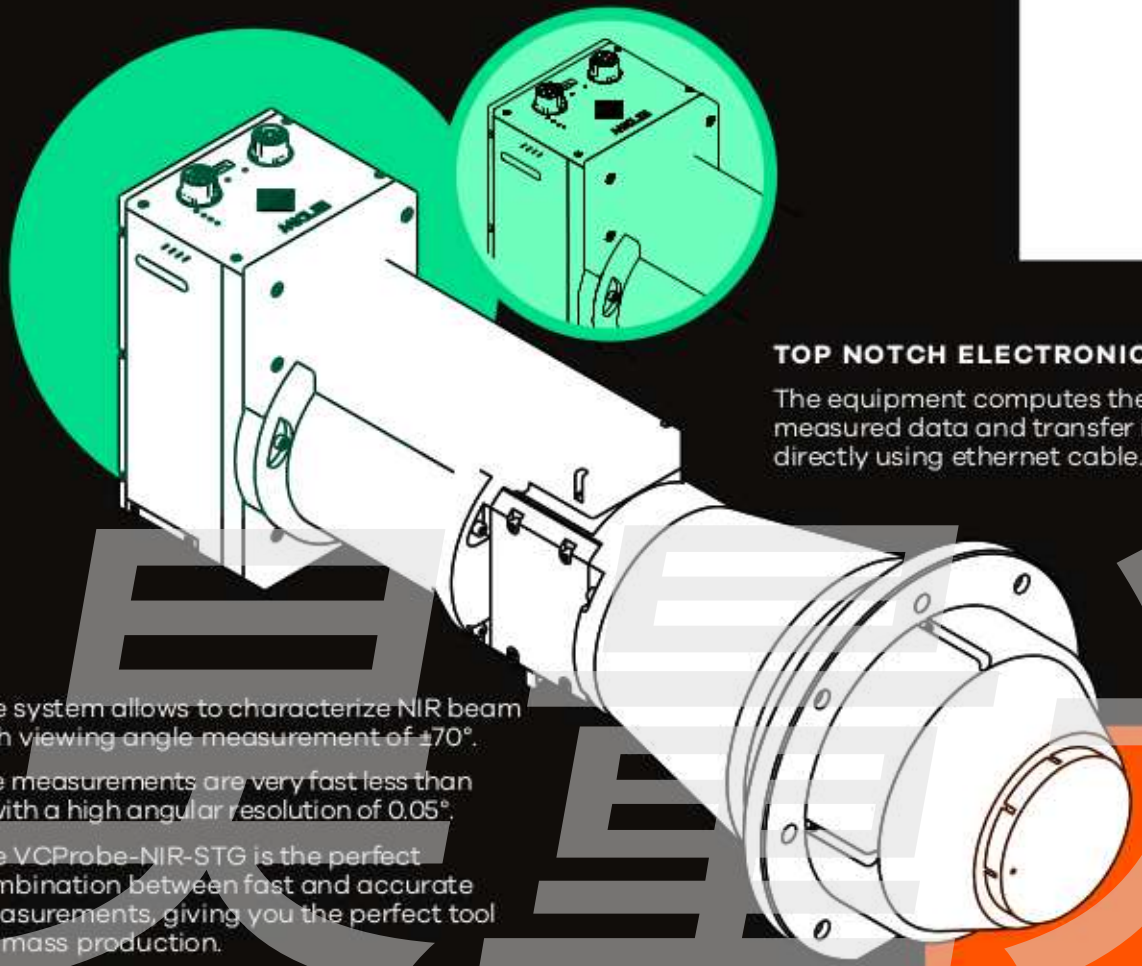
VCProbe NIR STG

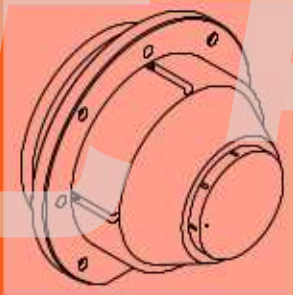


TOP NOTCH ELECTRONICS

The equipment computes the measured data and transfer it directly using ethernet cable.

HIGH GRADE OPTICS

ELDIM homemade optics ensure the best angular optical accuracy



The system allows to characterize NIR beam with viewing angle measurement of ±70°.

The measurements are very fast less than 1s with a high angular resolution of 0.05°.

The VCProbe-NIR-STG is the perfect combination between fast and accurate measurements, giving you the perfect tool for mass production.

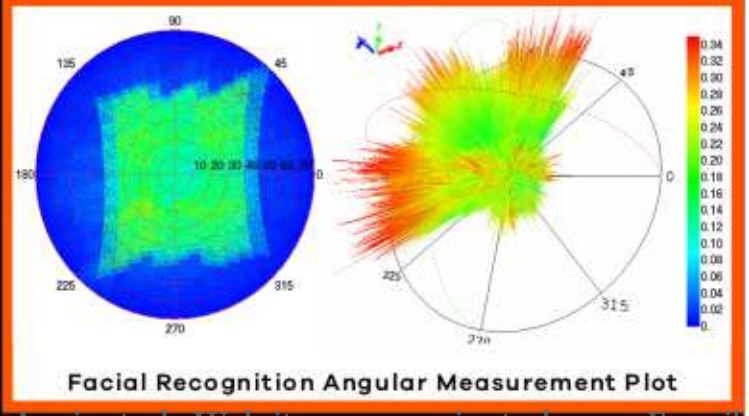
VCProbe NIR comes with a dedicated API to allow customer to drive the equipment according to his need.

SUITED FOR MASS PRODUCTION

Light weight

High durability tests and repeatability

Designed to be operated on production lines.



Facial Recognition Angular Measurement Plot

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