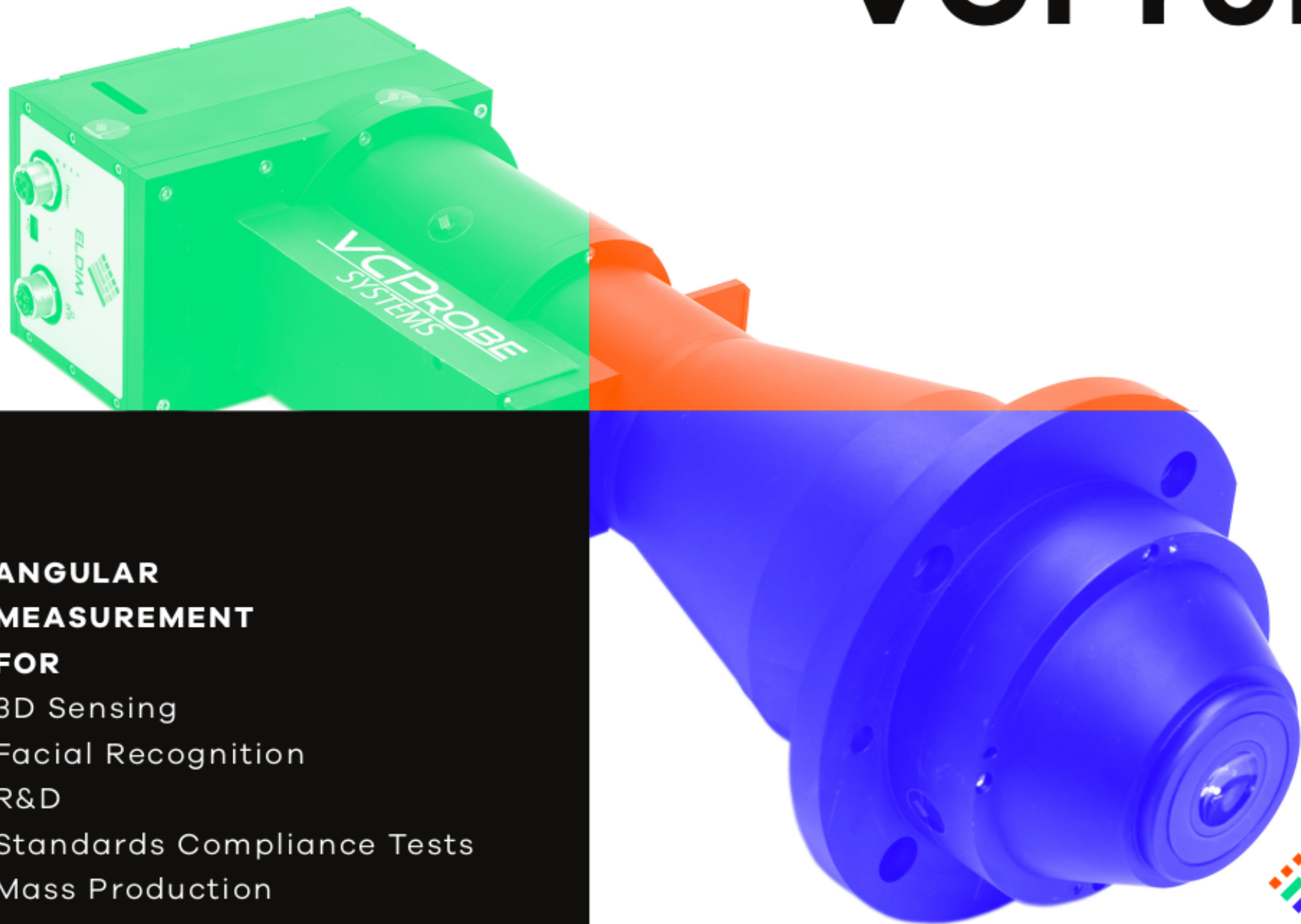


# VCProbe NIR STG



## ANGULAR MEASUREMENT FOR

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

## SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# VCP Probe NIR

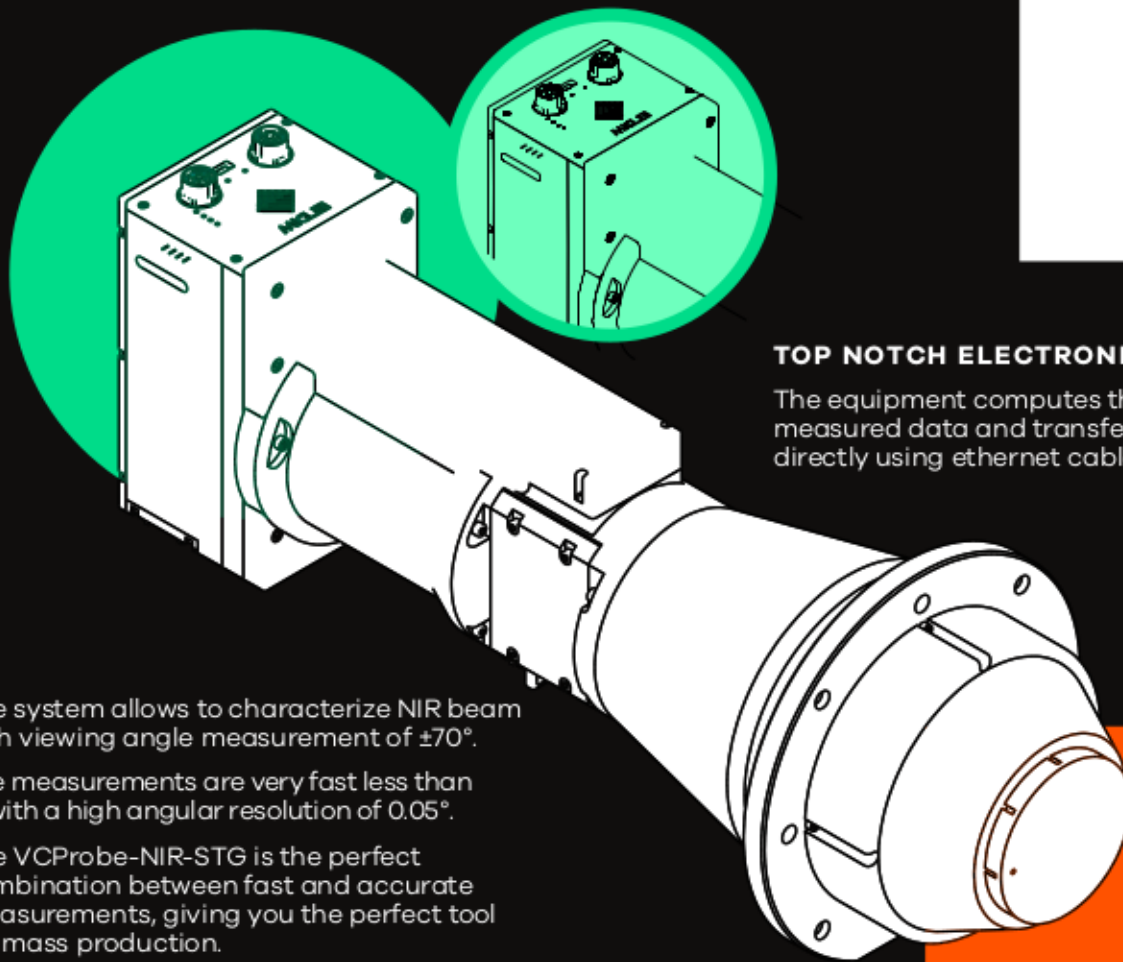
# NIR STG

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

1333, Rue d'Epron  
14200 Hérouville-Saint-Clair  
02 31 94 76 00  
[www.eldim.fr](http://www.eldim.fr)



# VCProbe NIR STG



## TOP NOTCH ELECTRONICS

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

## HIGH GRADE OPTICS

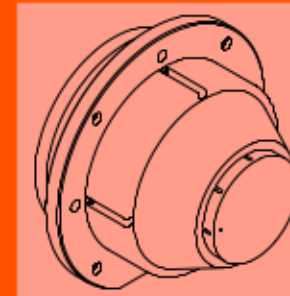
ELDIM homemade optics ensure the best angular optical accuracy

The system allows to characterize NIR beam with viewing angle measurement of  $\pm 70^\circ$ .

The measurements are very fast less than 1s with a high angular resolution of  $0.05^\circ$ .

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.

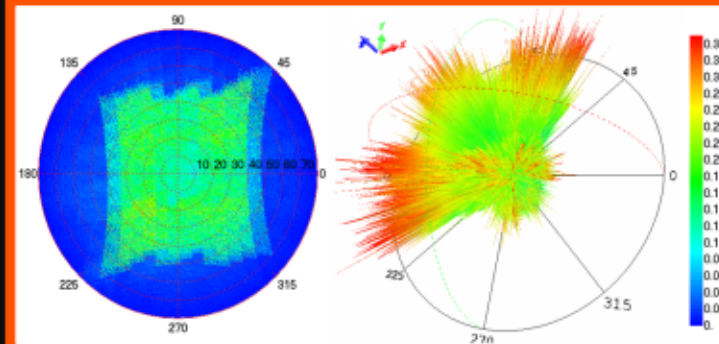


## SUITED FOR MASS PRODUCTION

Light weight

High durability tests and repeatability

Designed to be operated on production lines.



Facial Recognition Angular Measurement Plot