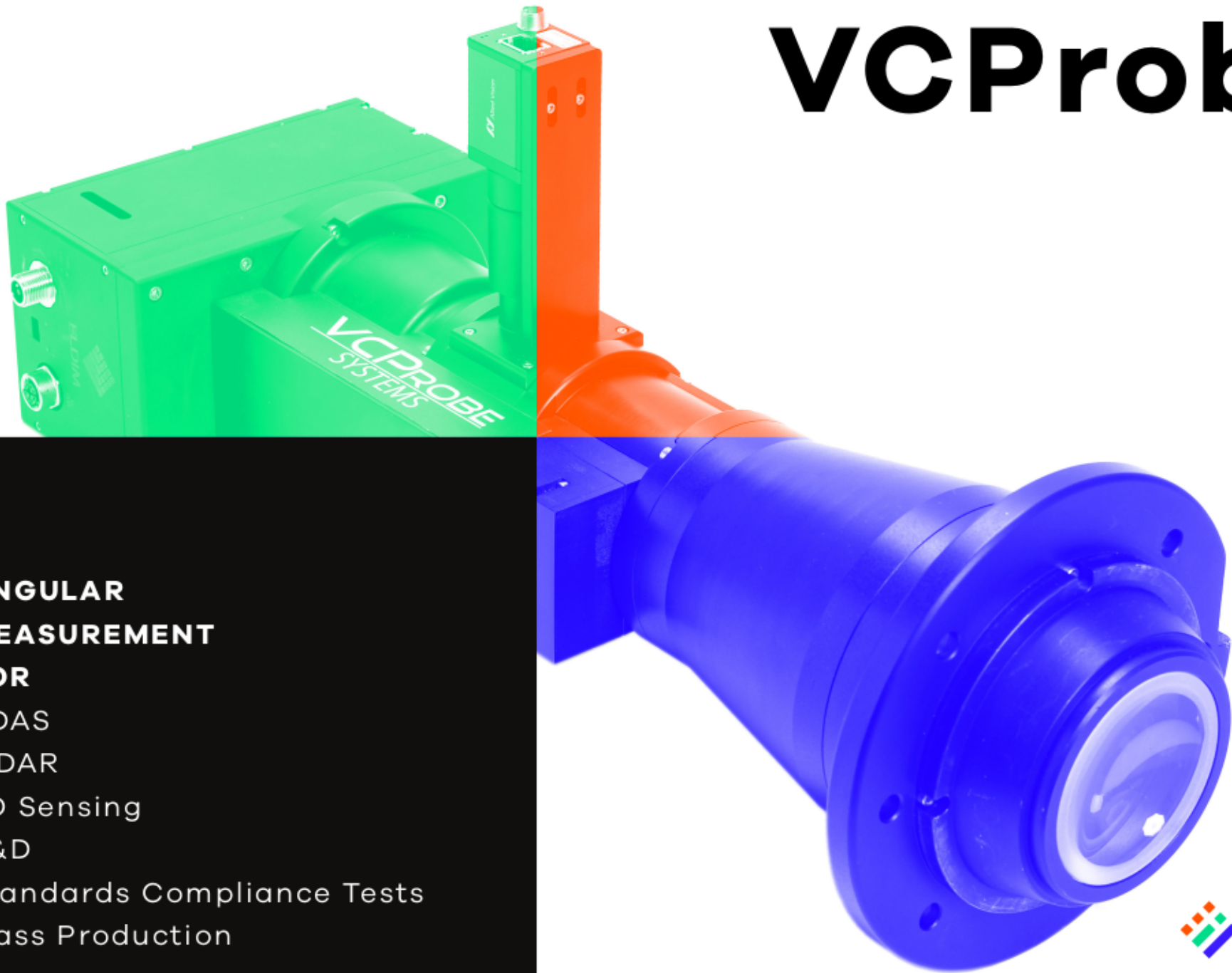


# VCProbe NIR DSD



## ANGULAR MEASUREMENT FOR

ADAS

LIDAR

3D Sensing

R&D

Standards Compliance Tests

Mass Production



## SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# VCP Probe

# NIR DSD

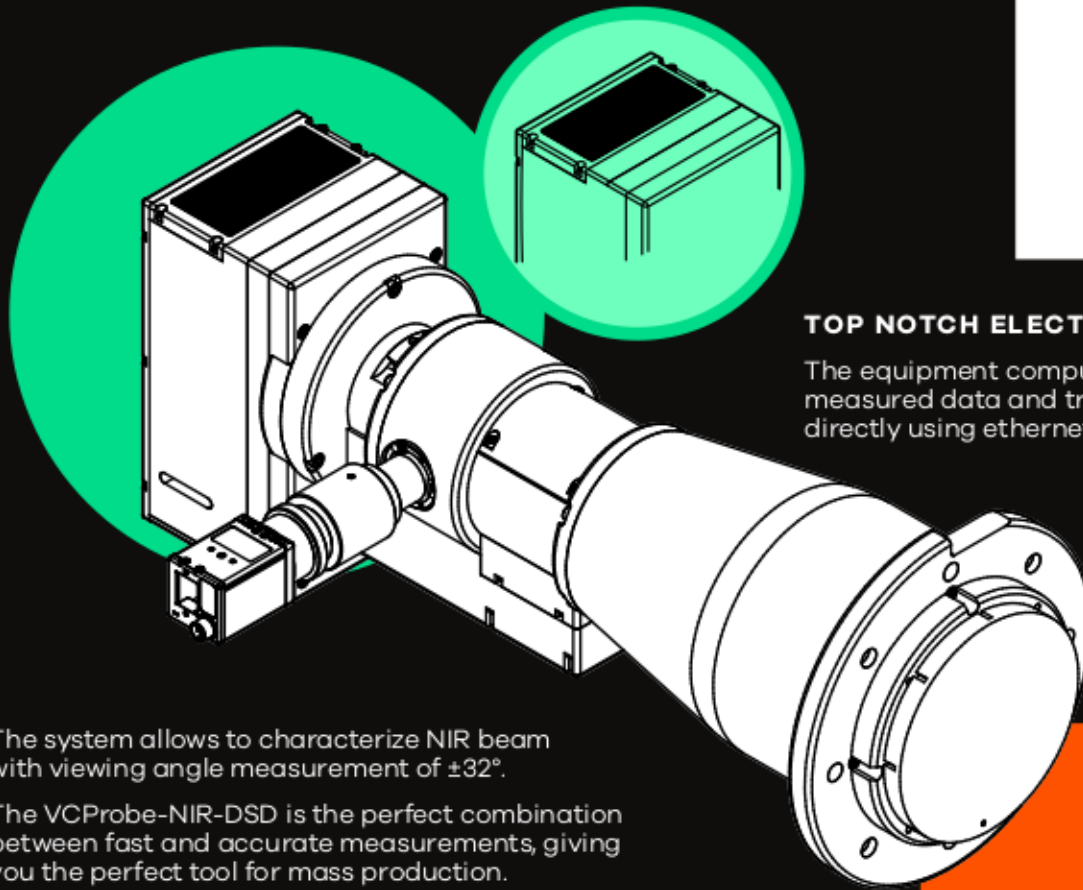
<b>WAVELENGTH</b>		Calibrated at 850 nm - 905 nm - 940 nm
<b>VIEWING ANGLE</b>	Incident angle Azimuth angle	±32° 0-360°
<b>WORKING DISTANCE</b>		40 mm
<b>PERFORMANCES</b>	Optical resolution Linearized data	0.03° 2801*2801 pixels
<b>FOCUS DISTANCE</b>		1000mm*
<b>ACCURACY</b>	Radiance (W/sr/m <sup>2</sup> ) Power (W)	±2% ±1%
<b>TAKT TIME</b>	Exposure time Processing Transfer time	300ms - 30s Less than 1 s
<b>USING CONDITIONS</b>	Temperature range Humidity range	10°C to +40°C 0 to 85% non condensing

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\*Focus distance can be optimized  
on demand towards infinity

# VCPProbe NIR DSD



## TOP NOTCH ELECTRONICS

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

## HIGH END OPTICS

Technology adapted for ADAS, LIDAR, 3D Sensing

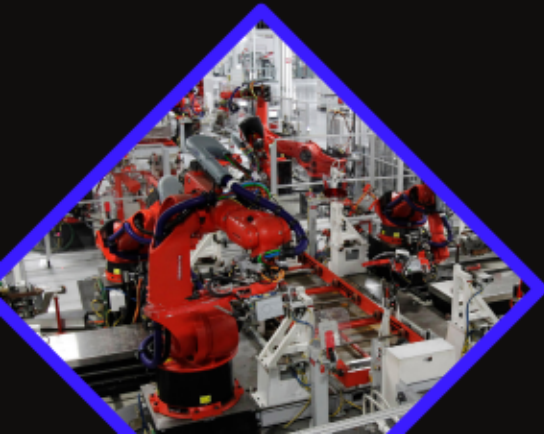
Comply with self-driving car safety regulation

The system allows to characterize NIR beam with viewing angle measurement of  $\pm 32^\circ$ .

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

We can adapt our equipment to customer request such as optimized systems for autonomous driving on long range LiDAR at 1400 nm.

VCPProbe 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.

