

VIEWING ANGLE NIR

# VCPROBE-NIR-STG

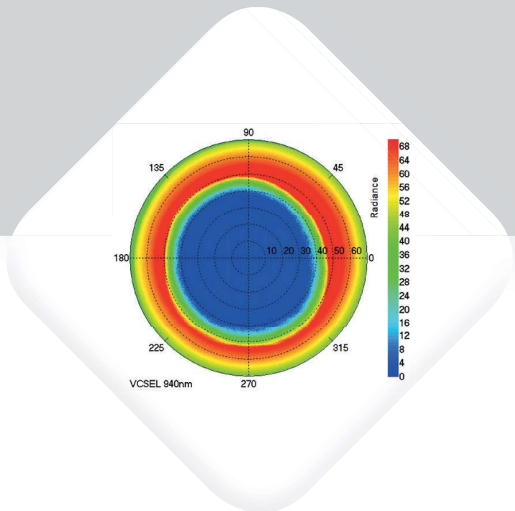


## OVERVIEW

**VCPROBE-NIR-STG** is optimized for the analysis of DUTs with an emitted light in NIR. This equipment is designed to precisely measure characteristics of flood illuminators, stereoscopic imaging, structured light illumination components.

This system allows a full map within a  $\pm 70^\circ$  viewing angle cone and an excellent angular resolution, with a working distance at 4mm permitting non contact measurement.

Recommended for 2.5 mm exit pupil emitters. dXY +/- 1 mm allowance for repeatability better than 1% against position for easy online positioning.

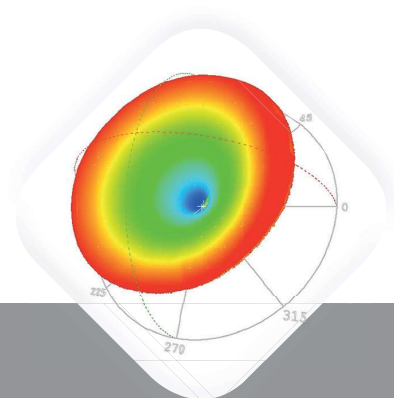


## FEATURES

- NIR viewing angle system
- Wavelength calibrated at 940nm
- Working Distance : 4mm
- High Accuracy and reliability
- High speed measurement

## APPLICATIONS

- For facial recognition (banking, phone application)
- For R&D and mass production/QC
- For 3D sensing & Imaging



MORE DETAILS

# TECHNICAL FEATURES

Specifications		VCPProbe-NIR-STG
Wavelength	Intensity (absolute)	Calibrated at 940 nm(*)
Performances	Optical resolution	0.05°
Accuracy	Radiance (w/str/m²) Power (watt)	±2% ±1%
Measuring area	Entrance pupil	4.5 mm
Takt time	Absolute radiance	70ms - 500ms programmable Average possible in camera
Exposure time		From 0 to 800 ms
Working distance		4 mm
Viewing Angle	Incident angle Azimuth angle	±70° 0-360°
Using condition	Temperature range Humidity range	10°C to +40°C 0 to 85% non condensing

(\*) Other wavelength on request

Specifications can be change without notice

## Options

NIR emitter pulse synchronization, rate and width measurement

Temperature stabilized sensor

Build your own mass production system for all kind of sources, Vcsels, Lidar...

## SIZES & PLAN DIMENSIONS

EZCONTRASTMS OUTER DIMENSION (UNIT MM)

