



3D characteristics recognition

Technical data

Visionline OCT Detect

CONFIGURATION

AVAILABLE LASERS	TruDisk
AVAILABLE OPTIONS	Detect, Project
AVAILABLE FOCAL LENGTHS	255 / 345 mm (others upon request)
LIGHTING	LED, $\lambda = 625 \text{ nm}$
OCT SENSOR	SLED, $\lambda = 820 \text{ nm} - 860 \text{ nm}$ Class 3B, $P_0 = 20 \text{ mW}$

PARAMETERS

OCT SENSOR MEASUREMENT RATE	70 kHz
TYP. IMAGE PROCESSING TIME	100 ms - 150 ms
TYPICAL PRECISION OF THE 2D RELATIVE POSITION RECOGNITION	$\pm 25 \text{ }\mu\text{m}$ in the image center (camera)
TYPICAL PRECISION OF THE 3D RELATIVE POSITION RECOGNITION	$\pm 25 \text{ }\mu\text{m}$ in the image center (OCT)