

NAK3D

3D Industrial Camera

How the system works



Nak3D is a stereo vision camera developed by Euclid Labs for detecting parts, especially shiny ones, that are not visible to other sensors.

The simple and essential design makes it lightweight and at the same time the perfect solution to solve cases of bin picking (random or structured) in the worst conditions such us: oiled parts with bright surfaces, boxes with plastic bags, and boxes with reflective walls.

01 | BEST FOR SHINY

Nak3D has been designed to give very good results on shiny objects.

02 | UNIQUE IN ITS NICHE



ACCURACY



SPEED



COST

TOF



STRUCTURED
LIGHT



NAK3D



03 | NIFTY AND NOVEL

With its solid hardware and simple principle Nak3D merges reliability and beauty.

Brilliant on shiny objects

Bin with random parts



Real pieces

Structured pallet



Bin with random parts

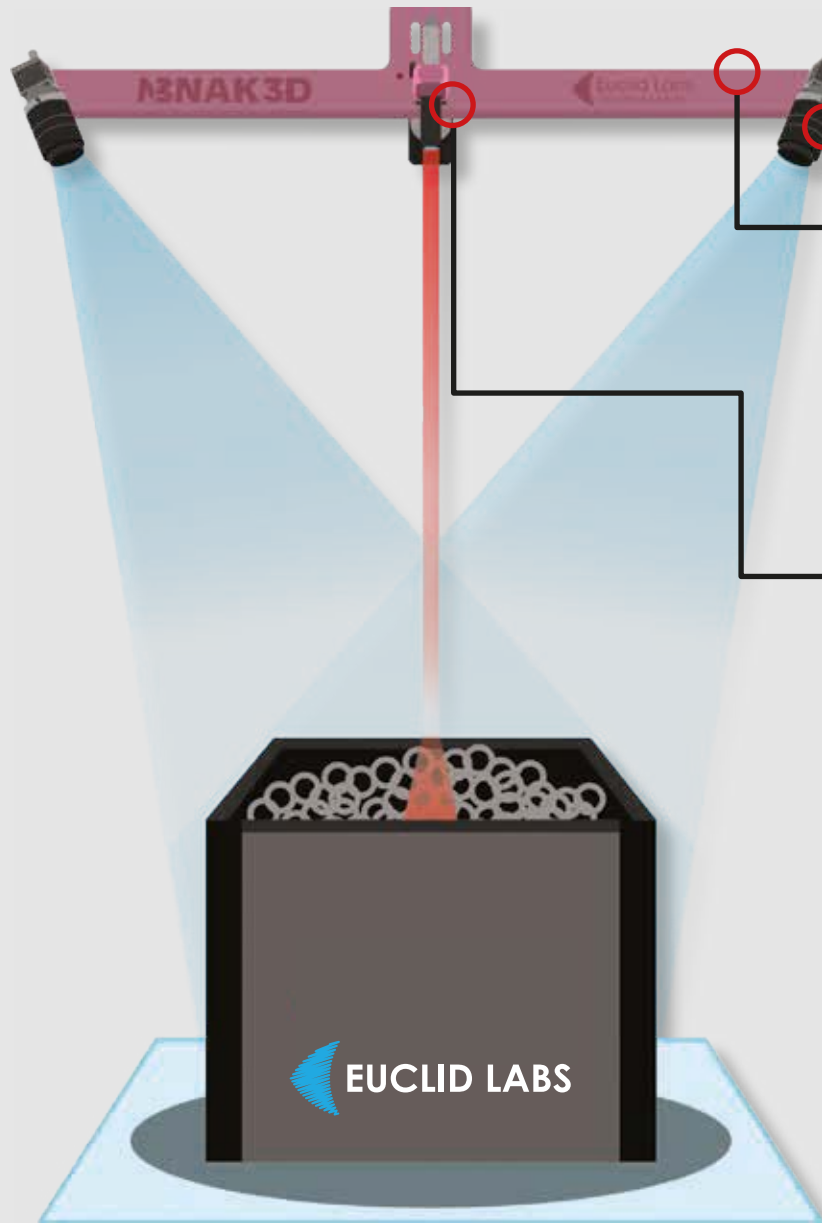


Point clouds

Structured pallet



Components



2 Basler cameras with filters.



Refined metal bracket.

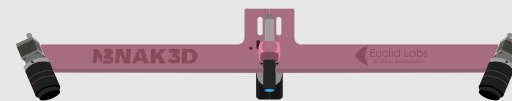


1 Z-Laser line and motor for moving the laser through the bin area.

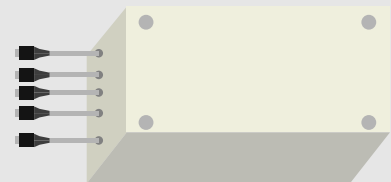


Sensor + control box weight: 8.4 Kg

Scan time: 9 seconds



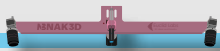
+



Models available



NAK3D 600



1200 mm

NAK3D 1000



2100 mm

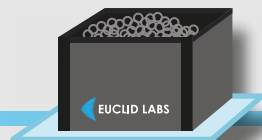
NAK3D 1200



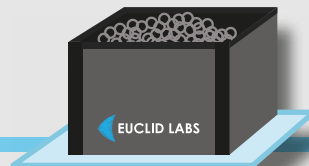
NAK3D 1600



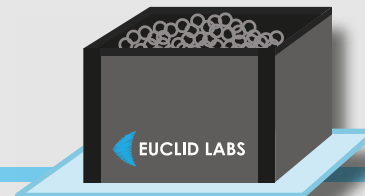
2500 mm



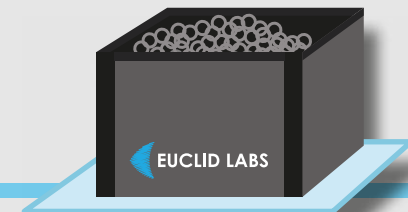
Field of view (mm)
600 x 420 x 450
Working distance (mm)
1200



Field of view (mm)
1000 x 700 x 800
Working distance (mm)
2100



Field of view (mm)
1200 x 800 x 1000
Working distance (mm)
2500

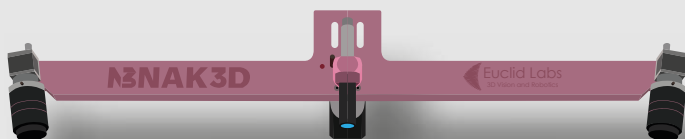


Field of view (mm)
1600 x 1200 x 1000
Working distance (mm)
2500

0 mm

HEAD OFFICE

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