

# Argos3D-P100 Short Range Starter Kit

150-2001-3

## Product Overview

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## Description

BECOM Argos3D-P100 Short Range Starter Kit is based on Argos3D-P100 Time-of-Flight (ToF) smart camera. This starter kit allows fast and cost-effective evaluation for various applications. This starter kit features up to 160fps speed, plug-and-play capability, <10cm close range operation, passive cooling, and an external sync interface. The Argos3D-P100 starter kit provides a frame rate of up to 15fps, allowing the equipment to perform a fast evaluation for various applications. This starter kit combines the camera speed with software and tools including MATLAB, ROS, Halcon, and Metricam to implement feasibility studies, prototypes, and demonstrators.



To ensure that the Argos3D - P100 works correctly, plug in the power supply, and wait for approximately 10 seconds until the camera boots up. After booting up, plug in the micro USB2.0 cable and connect the Argos3D - P100 to a free USB port of the computer.

The Argos3D-P100 starter kit supports Linux, Ubuntu, Windows XP/7 (32-64bit), and Windows 8 (32-64bit) operating systems. Typical applications include distance measurements, counting objects, robotics, aerospace, and defense.

## Features

- Up to 160fps speed
- Plug-and-play
- Compatible with a wide range of software tools
- Up to 15fps frame rate
- Passive cooling
- Less than 10cm close range operation
- 90° field of view

## Software

- MATLAB (R)
- LabVIEW
- MetriCam

## Applications

- Distance measurement
- Counting objects
- 3D safety zone
- Robot navigation
- Robotics
- Human-Machine Interface (HMI) for robotics
- Aerospace
- Automotive
- Defense
- Count people

## Mouser Part Number

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