



# AN02017: Getting Started with the xcore.ai Vision Development Kit (README)

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### vendor

XMOS

### version

0.1.0

### scope

Example

### description

This note provides an entry point on how set up the xcore.ai Vision Development Kit

### category

Vision

### keywords

Camera, AI, MIPI, Vision

### hardware

XK-EVK-XU316-AIV

## 1 Overview

This Application Note describes how to set up and configure the required Hardware and Software to run different Applications using the XK-XU316-EVK-AIV (the "xcore.ai Vision Development Kit").

## 2 Key Features

- ▶ xcore.ai Vision Development Kit (XK-XU316-EVK-AIV)

## 3 Known Issues

- ▶ None



## 4 Required Tools

- ▶ XTC tools: 15.3.0 [XTC tools](#).
- ▶ Python: 3.10 or later [Python](#).
- ▶ CMake: 3.21 or later [CMake](#).

## 5 Required Libraries (Dependencies)

- ▶ lib\_camera ([www.github.com/xmos/lib\\_camera](http://www.github.com/xmos/lib_camera))
- ▶ xmos\_ai\_tools ([www.github.com/xmos/ai\\_tools](http://www.github.com/xmos/ai_tools))

## 6 Related Notes

- ▶ AN02005
- ▶ AN02009
- ▶ AN02010
- ▶ AN02013

## 7 Support

For all support issues please visit [XMOS Support](#).



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