

# Overview

Kurokesu industrial USB cameras with Sony Exmo R Starvis IMX290 sensors and internal h.264/MJPEG/YUYV codec is suitable for a wide range of target applications and use cases. Stable and reliable web cameras operate on most modern operating systems (Windows, OSX, Linux, Android) designed to solve vision problems.

## Target applications and use cases

- Remote operated and autonomous vehicles (low latency, low bandwidth streaming, wide range temperature operation -55°C~+85°C)
- Machine vision applications (full manual or auto controls, interchangeable CS or M12 lenses)
- Teleconferencing and virtual meetings (multicamera setup, interchangeable lenses for different view angles)
- Remote teaching/learning (multicamera setup, interchangeable lenses for wide, tele, or close-up scenes)
- Complex scientific equipment (internal process inspection and tracking)

## Customers

- Universities and schools (students and teachers can use as teaching equipment or remote learning tool)
- Machine vision developers and researchers (suitable for RND and final product installation)
- Robot system developers and researchers (suitable for RND and final product installation)
- Vloggers, Gamers (recording video from multiple angles in low light)

## Long term availability

We produce our cameras until there is demand and we can buy the components. Even if a product is marked on our web as obsolete, it can be produced on demand when the minimum quantity is met.

## Modifications

| Camera model | Lens mount | Microphones | Connector | Colors | Note                                 |
|--------------|------------|-------------|-----------|--------|--------------------------------------|
| C2_USBC      | CS         | No          | USB-C     | RGB    | Boxed camera                         |
| C2_USBC_MIC  | CS         | Yes         | USB-C     | RGB    | Boxed camera with stereo microphones |

|                        |    |    |              |      |                            |
|------------------------|----|----|--------------|------|----------------------------|
| C2_BOARD_FFC_M12M12    |    | No | FFC 6p 0.5mm | RGB  | Board camera               |
| C2_BOARD_HS_FFC_M12M12 |    | No | FFC 6p 0.5mm | RGB  | Board camera with heatsink |
| C2M_USBC               | CS | No | USB-C        | Mono | Boxed monochrome camera    |



Revision #9  
Created 27 May 2021 09:45:36 by Saulius  
Updated 7 November 2023 19:44:05 by Saulius