

# Overview

Kurokesu industrial USB cameras with 4K Sony IMX415 sensor and internal MPEG/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.



## Application Examples

Conferencing and collaboration setups - Combine multiple **C3-462C** cameras in a single system — one for headshots, one for full-room view, and another pointing at a desk for handwritten notes or objects.

Remote monitoring and operation - **C3-462C** with IRCUT filter is a reliable default for recording or streaming in daylight - ideal for robotics, remote-controlled devices, or unattended site monitoring.

Embedded vision systems - **462C-CSI-M12** integrates directly into compact platforms like Raspberry Pi or Jetson, suitable for edge computing or AI-based vision processing.

Industrial inspection - Use **C3-462M-NIR1** with deep NIR illumination (850–1000 nm) to reveal defects in plastic, glass, or layered materials that are invisible in visible light.

ALPR/ANPR and vehicle profiling - Deploy multi-camera systems using a mix of C3 models - e.g., **C3-462M-NIR1**

for license plate recognition, **C3-462C** for full-vehicle view, and optionally a third for capturing the driver.

Biometry and face recognition - Use **C3-462M** or **C3-462M-NIR1** under controlled IR lighting for identity verification, liveness detection, or gaze tracking.

Scientific and biomedical imaging - **C3-462M-NF** is well-suited for lab setups requiring high sensitivity across a broad spectrum - useful for fluorescence, spectral imaging, or process monitoring.

## 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.

---

Revision #4

Created 7 November 2023 19:43:03 by Saulius

Updated 25 May 2025 16:29:18 by Saulius