Features

- **Sensor-swappable line-up**
  - Sony IMX415 8MP / 4K @ 30fps - maximum resolution
  - Sony IMX462 2MP @ 60fps - large 2.9µm pixels for ultra-low-light; available in color *or* mono
  - onSemi AR0234 2MP global-shutter @ 60fps - rolling shutter artifacts for machine vision
- **Form-factors**
  - Rugged boxed camera (CNC-milled, black-anodised).
  - 38 × 38mm board-level module for OEM integration.
  - M3 holes on every side + optional ¼-20 / Swiss Arca mount plate for flexible mounting
- **Lens & filter flexibility**
  - Native 1-32 TPI **CS** or **M12/M12L** mounts; C-mount by 5 mm spacer
  - Drop-in filters: IR-cut (visible-only), no-filter (full spectrum), 850nm NIR long-pass; sensors offered in color or mono to match.
- **USB-C UVC plug-and-play**
  - High-Speed 480Mb/s, MJPEG & YUY2 streams; works on Windows, macOS, Linux, Android - no drivers
- **Industrial-grade build**
  - -50 °C … +85 °C operating range, < 2W from 5V USB
  - On-board EEPROM stores last settings; each unit has a unique serial number
  - RoHS, REACH, CE certified
- **Advanced controls** (via standard UVC) - full auto or manual settings: exposure, gain, white-balance, gamma, HDR/WDR, ROI, anti-flicker, and software zoom/pan/tilt). * Some features are sensor/firmware specific.

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