



# Supported Edge Camera

March 2026



# Supported camera solutions – MIPI (YUV)

| Partner    | Model  | Sensor      | Res             | Interface  | Supported Platform   |
|------------|--|-------------|-----------------|------------|--|
| APPRO.PHO  | [D-06] AP-AR0144-Mini-MIPIYUV                      | AR0144      | 1MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series                     |
| TechNexion | TEVS-AR0144-C-S33-IR-RPI22                         | AR0144      | 1MP             | MIPI (YUV) | Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2)                           |
| TechNexion | TEVS-AR0144-C-S83-IR-RPI22                         | AR0144      | 1MP             | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| APPRO.PHO  | [D-07] AR0234(Global shutter) MIPI+ISP(YUV)        | AR0234      | 2.3M(1920x1200) | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| TechNexion | TEVS-AR0145-M-S31-IR-RPI15                         | AR0145-Mono | 1MP             | MIPI (YUV) | Intel® Core Ultra™ (Series 2)  |
| APPRO.PHO  | [D-05] AP-AR0234-Mini-MIPIYUV --> [D-07]           | AR0234      | 2MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series                     |
| APPRO.PHO  | [D-04] AP-AR0234-MIPIYUV-AFZoomF3.6X               | AR0234      | 2MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series                     |
| APPRO.PHO  | [D-03] AP-AR0234-MIPIYUV-AFZoomN2.8X               | AR0234      | 2MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series                     |
| E-Con      | e-CAM25_CUR360                                     | AR0234      | 2MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1)   |
| Innodisk   | EV2M-GOM1-MUCA-C1                                  | AR0330      | 2MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1)   |
| TechNexion | TEVS-AR0145-M-S78-IR-RPI15                         | AR0145-Mono | 1MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion | TEVS-AR0234-C-S32-IR-RPI22                         | AR0234      | 2.3MP           | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| D3         | 3010181-68   | ISX031      | 3MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1)   |
| TechNexion | TEVS-AR0234-C-S83-IR-RPI22                         | AR0234      | 2.3MP           | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| TechNexion | TEVS-AR0234-C-S128-IR-RPI22                        | AR0234      | 2.3MP           | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| TechNexion | TEVS-AR0521-C-S34-IR-RPI22                         | AR0521      | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion | TEVS-AR0521-C-S85-IR-RPI22                         | AR0521      | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| E-Con      | e-CAM81_CUR360                                     | AR0821      | 8MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 1)   |
| TechNexion | TEVS-AR0521-C-S140-IR-RPI22                        | AR0521      | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| APPRO.PHO  | [B-17] AR0822(4K) MIPIYUV-i 36PIN/22PIN            | AR0822      | 4K(3840x2160)   | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| Innodisk   | EV8M-OOMI-RHCF-11                                  | AR0822      | 8MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion | TEVS-AR0522-C-S34-IR-RPI22                         | AR0522      | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion | TEVS-AR0522-C-S85-IR-RPI22                         | AR0522      | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion | TEVS-AR0522-C-S140-IR-RPI22                        | AR0522      | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| Innodisk   | EVDM-OOMI-RHCF-11                                  | AR1335      | 13MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion | TEVS-AR0522-M-S34-IR-RPI22                         | AR0522-Mono | 5MP             | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| APPRO.PHO  | [C-16] IMX290(2M) MIPI+ISPi(YUV) 15PIN/22PIN/36PIN | IMX290      | 2M(1920x1080)   | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |

Please contact the camera supplier for up-to-date information on camera parts and support.

# Supported Camera Solutions – MIPI (YUV)

| Partner         | Model  | Sensor      | Res            | Interface  | Supported Platform   |
|-----------------|--|-------------|----------------|------------|--|
| TechNexion      | TEVS-AR0522-M-S85-IR-RPI22                     | AR0522-Mono | 5MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0522-M-S140-IR-RPI22                    | AR0522-Mono | 5MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0821-C-S44-IR-RPI22                     | AR0821      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| APPRO.PHO       | [B-18] IMX335(5MP) MIPIYUV-i 15PIN/22PIN/36PIN | IMX335      | 5MP(2560x1920) | MIPI (YUV) | ARL/MTL/ADL-N  |
| Leopard Imaging | LI-AR0830-YUV-MIPI-078H                        | AR0830      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| Leopard Imaging | LI-AR0830-YUV-MIPI-195H                        | AR0830      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0821-C-S74-IR-RPI22                     | AR0821      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0821-C-S119-IR-RPI22                    | AR0821      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0821-C-S156-IR-RPI22                    | AR0821      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| APPRO.PHO       | [B-16] IMX415(4K) MIPIYUV-i 36PIN/22PIN        | IMX415      | 4K(3840x2160)  | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| APPRO.PHO       | [B-19] IMX678(4K) MIPIYUV-i5, 36PIN / 22PIN    | IMX678      | 4K(3840x2160)  | MIPI (YUV) | Intel® Core™ i3 N-series, Intel® Core Ultra™ (Series 1), Intel® Core Ultra™ (Series 2) |
| SENSING         | SG3-ISX031C-MIPI-H30X                          | ISX031      | 3MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| SENSING         | SG3-ISX031C-MIPI-H60F                          | ISX031      | 3MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| SENSING         | SG3-ISX031C-MIPI-H100F1                        | ISX031      | 3MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| SENSING         | SG3-ISX031C-MIPI-H120UA                        | ISX031      | 3MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| SENSING         | SG3-ISX031C-MIPI-H190X                         | ISX031      | 3MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-C-S42-IR-RPI22                     | AR0822      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-C-S72-IR-RPI22                     | AR0822      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-C-S108-IR-RPI22                    | AR0822      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-C-S150-IR-RPI22                    | AR0822      | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-M-S42-IR-RPI22                     | AR0822-Mono | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-M-S72-IR-RPI22                     | AR0822-Mono | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-M-S108-IR-RPI22                    | AR0822-Mono | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-AR0822-M-S150-IR-RPI22                    | AR0822-Mono | 8MP            | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |
| TechNexion      | TEVS-ARI335-C-S85-IR-RPI22                     | ARI335      | 13MP           | MIPI (YUV) | Intel® Core™ Ultra Processors (Series 2)   |

Please contact the camera supplier for up-to-date information on camera parts and support.

# Currently supported camera solutions – MIPI (RAW)

| Partner         | Model                     | Sensor  | Res  | Interface  | Supported Platform                       |
|-----------------|---------------------------|---------|------|------------|--|
| D3              | 1002020-68                | AR0234  | 2MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX715-MIPI-M12        | IMX715  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX327-MIPI-INTL-CS    | IMX327  | 2MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX327-SLVDS-INTL-CS   | IMX327  | 2MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX334-MIPI-INTL-CS    | IMX334  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX335-MIPI-INTL-CS    | IMX335  | 5MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX412-MIPI-INTL-M12   | IMX412  | 12MP | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX415-MIPI-CS         | IMX415  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX415-MIPI-081H       | IMX415  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX586-MIPI-AF-79D     | IMX586  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-OV13858-MIPI-JP        | OV13858 | 13MP | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-OV13858-MIPI-AF_JP     | OV13858 | 13MP | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Pegatron        | Custom OV13B module       | OV13B   | 13MP | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Unison          | OV13B module              | OV13B   | 13MP | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-OV2740-MIPI-xxD V1.0   | OV2740  | 2MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-OV5675-MIPI-FF-JP V1.0 | OV5675  | 5MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-OV5693-MIPI-80D        | OV5693  | 5MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-OV8856-MIPI-AF V1.0    | OV8856  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| KLT             | JAL-OV8865-A898B_V4.0     | OV8865  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |
| KLT             | JAL-OV8865-A898B_V5.0     | OV8865  | 8MP  | MIPI (RAW) | Intel® Core™ Ultra Processors (Series 2) |

Please contact the camera supplier for up-to-date information on camera parts and support.

# Currently supported camera solutions – GMSL/HDMI Bridge

| Partner         | Model   | Sensor | Res              | Interface  | Supported Platform   |
|-----------------|---|--------|------------------|------------|--|
| APPRO.PHO       | [E-11] AR0234(Global shutter) + ISPi(YUV) + MAX9295 | AR0234 | 2.3M (1920x1200) | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series |
| E-Con           | NileCAM25_CUR360                                    | AR0234 | 2MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| D3              | D3CMC68N-115-084                                    | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| D3              | D3CMC69N-115-084                                    | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| D3              | D3CMC72N-115-084                                    | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| D3              | D3CMC72N-115-084-S                                  | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| D3              | D3CMC74N-115-084-S                                  | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| D3              | D3CMC75N-115-084-S                                  | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| E-Con           | NileCAM81_CUR360                                    | AR0821 | 8MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| APPRO.PHO       | [E-13] AR0822(4K) + ISPi(YUV) + MAX9295             | AR0822 | 4K (3840x2160)   | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series |
| APPRO.PHO       | [E-12] IMX290(2M) + ISPi(YUV) + MAX9295             | IMX290 | 2M (1920x1080)   | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series |
| APPRO.PHO       | [E-10] IMX335(5M)+ISPi(YUV)+MAX9295                 | IMX335 | 5M (2560x1920)   | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series |
| Leopard Imaging | LI-VENUS-ISX031-GMSL2-118H                          | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 2)                           |
| Leopard Imaging | LI-VENUS-ISX031-GMSL2-060H                          | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 2)                           |
| Leopard Imaging | LI-VENUS-ISX031-GMSL2-030H                          | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 2)                           |
| Leopard Imaging | LI-VENUS-ISX031-GMSL2-195H                          | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 2)                           |
| APPRO.PHO       | [E-09] IMX415(4K) + ISPi(YUV) + MAX9295             | IMX415 | 4K (3840x2160)   | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1), Intel® Core™ i3 N-series |
| E-Con           | STURDeCAM31_CUR360                                  | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 1)                           |
| SENSING         | SG3S-ISX031C-GMSL2F-H30X                            | ISX031 | 3MP              | GMSL (YUV) | Intel® Core™ Ultra Processors (Series 2)                           |

| Partner         | Model                         | Sensor | Res | Interface    | Supported Platform                       |
|-----------------|-------------------------------|--------|-----|--------------|--|
| SENSING         | SG3S-ISX031C-GMSL2F-H60F      | ISX031 | 3MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG3S-ISX031C-GMSL2F-H100F1    | ISX031 | 3MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG3S-ISX031C-GMSL2F-H120UA    | ISX031 | 3MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG3S-ISX031C-GMSL2F-H190X     | ISX031 | 3MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG5-IMX490C-5300-GMSL2-H30S1A | IMX490 | 5MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG5-IMX490C-5300-GMSL2-H60SA  | IMX490 | 5MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG5-IMX490C-5300-GMSL2-H110SA | IMX490 | 5MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG5-IMX490C-5300-GMSL2-H130YA | IMX490 | 5MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG8-ISX028C-G2G-H30YA         | ISX028 | 8MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG8-ISX028C-G2G-H60SA         | ISX028 | 8MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SG8-ISX028C-G2G-H120YA        | ISX028 | 8MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| SENSING         | SHF3L                         | ISX031 | 3MP | GMSL (YUV)   | Intel® Core™ Ultra Processors (Series 2) |
| D3              | D3CMC67N-106-084              | IMX390 | 2MP | GMSL (RAW)   | Intel® Core™ Ultra Processors (Series 2) |
| Leopard Imaging | LI-IMX415-GMSL2-140H          | IMX415 | 8MP | GMSL (RAW)   | Intel® Core™ Ultra Processors (Series 2) |
| RealSense       | D457 Stereo Camera            | D457   | 1MP | GMSL (Depth) | Intel® Core™ Ultra Processors (Series 1) |

| Partner | Model     | Sensor    | Res | Type | Interface |
|---------|-----------|-----------|-----|------|-----------|
| Lontium | LT6911GXD | LT6911GXD | N/A | YUV  | HDMI      |
| Lontium | LT6911UXC | LT6911UXC | N/A | YUV  | HDMI      |
| Lontium | LT6911UXE | LT6911UXE | N/A | YUV  | HDMI      |
| Lontium | LT7911UXC | LT7911UXC | N/A | YUV  | HDMI      |