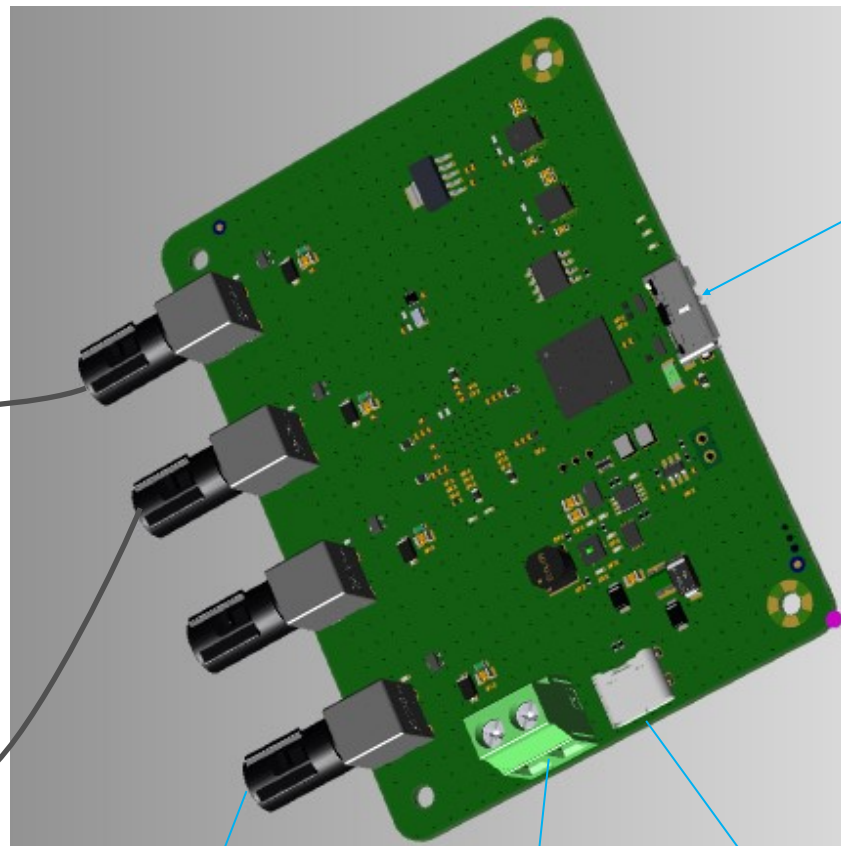
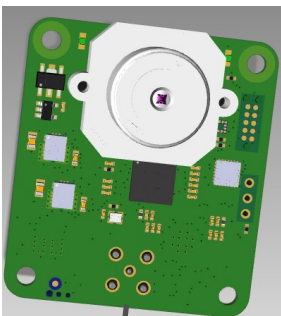
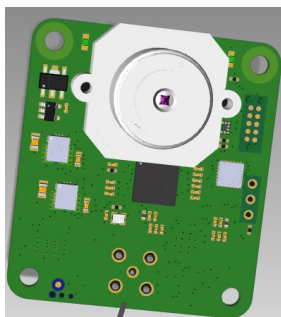


MULTISYNC 8M

dual camera synchronized UVC stream

CMOS
AR0830 (FPD-Link)



USB3
UVC

Coaxial
Up to 3m
More in development

Coaxial link FPD-Link compliant
Connector FAKRA compliant
Connector SMA compliant

Power (5 - 12V)
Left +
Right -

USB-C (5V)
Power only

Specifications

| | |
|--------------------------------|---|
| Dimensions | Motherboard: 90 x 65 mm Daughterboard: 45 x 40 mm |
| Weight | Motherboard: 47g Daughterboard: 15g |
| Operating temperature | Motherboard: -20 to +70°C Daughterboard: -20 to +70°C |
| Power consumption (12V) | 450mA max, 6W max |
| CMOS | AR0830 |
| Resolutions | UYVY 1 camera: 1920x1080@20fps, 3840x2160@7.5fps 2 cameras: 3840x1080@20fps, 7680x2160@7fps |
| Mount | M12, different types of lens available |

Power supply

| | |
|---|-----------|
| External on screw terminal (certified ES1/PS2) | 5V to 12V |
| USB-C | 5V |

Connection

| | |
|-------------------|---------------|
| USB3 (UVC) | 4.75 to 5.25V |
|-------------------|---------------|

Features

| | |
|--|--|
| UVC compliant | No driver required, use of extended units for parametrization |
| ISP embedded | AEC, AWB, brightness, sharpness, contrast, denoise, ... |
| Per camera settings | When using cameras separately, different settings can be applied |
| External LED board (on request) | Cynove LED board can be connected on available ports |
| Sustainability | Long term |