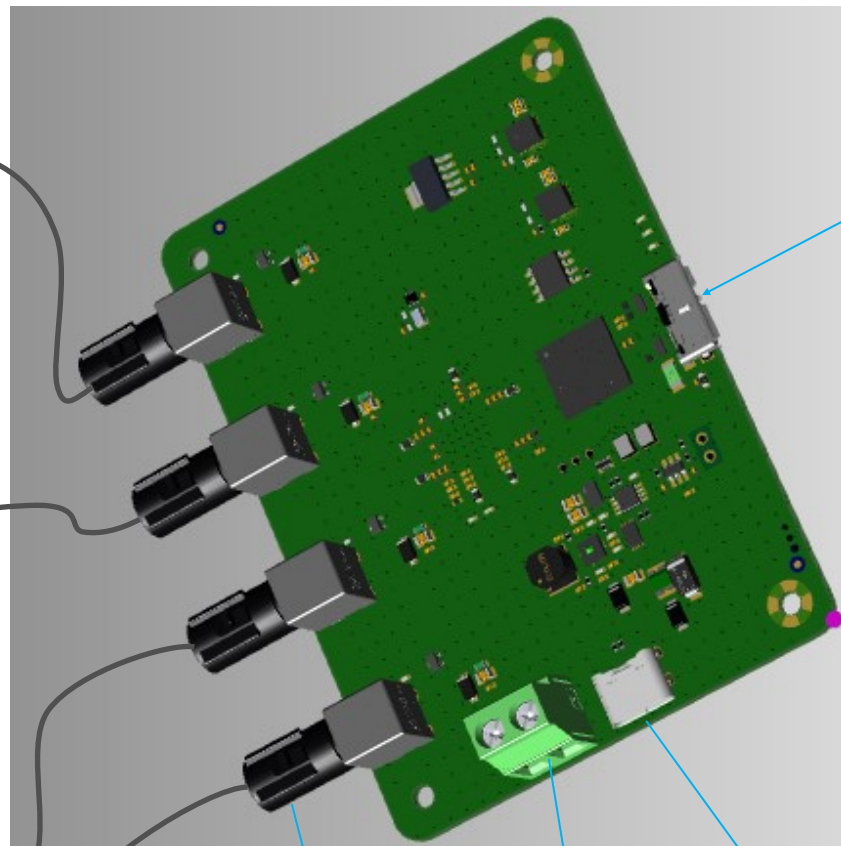
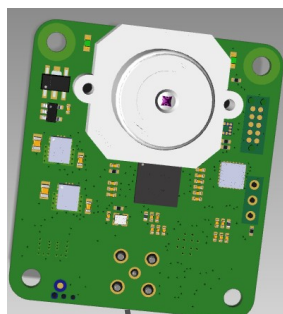
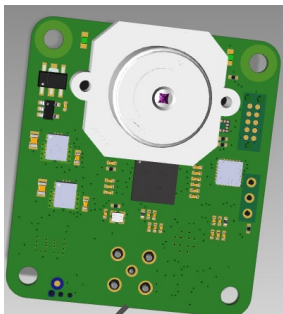
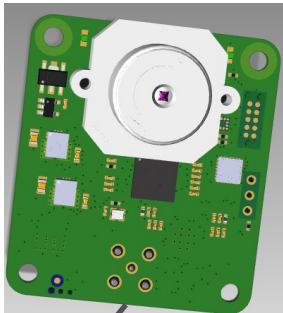
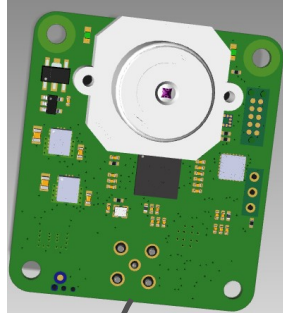


# MULTISYNC 1M

## quadruple camera synchronized UVC stream

**CMOS**  
AS0149 (FPD-Link)



**USB3**  
UVC

**Power (5 - 12V)**  
Left +  
Right -

**USB-C (5V)**  
Power only

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

**Coaxial**  
Up to 3m  
More in development

## Specifications

<b>Dimensions</b>	Motherboard: 90 x 65 mm Daughterboard: 45 x 40 mm
<b>Weight</b>	Motherboard: 47g Daughterboard: 15g
<b>Operating temperature</b>	Motherboard: -20 to +70°C Daughterboard: -20 to +70°C
<b>Power consumption (12V)</b>	450mA max, 6W max
<b>CMOS</b>	AS0149
<b>Resolutions</b>	UYVY 1 camera: 1280x960@30fps 2 cameras: 2560x960@20fps 3 cameras: 3840x960@10fps 4 cameras: 5120x960@5fps
<b>Mount</b>	M12, different types of lens available

## Power supply

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

## Connection

<b>USB3 (UVC)</b>	4.75 to 5.25V
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## Features

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