Cynove

H.264 Ethernet

1080p/960p H.264 Ethernet Camera

M12

USB (Vin)

IR filter switcher (optional)

From left to right:
GND
GPO (3.3V)
GPI (3.3V)

Microphone input

Factory reset button (on boot)

Audio amplifier (3W, 4Ohm)

Microphone with auto gain (optional)

Vin:
GND
VDC (5V)

Ethernet
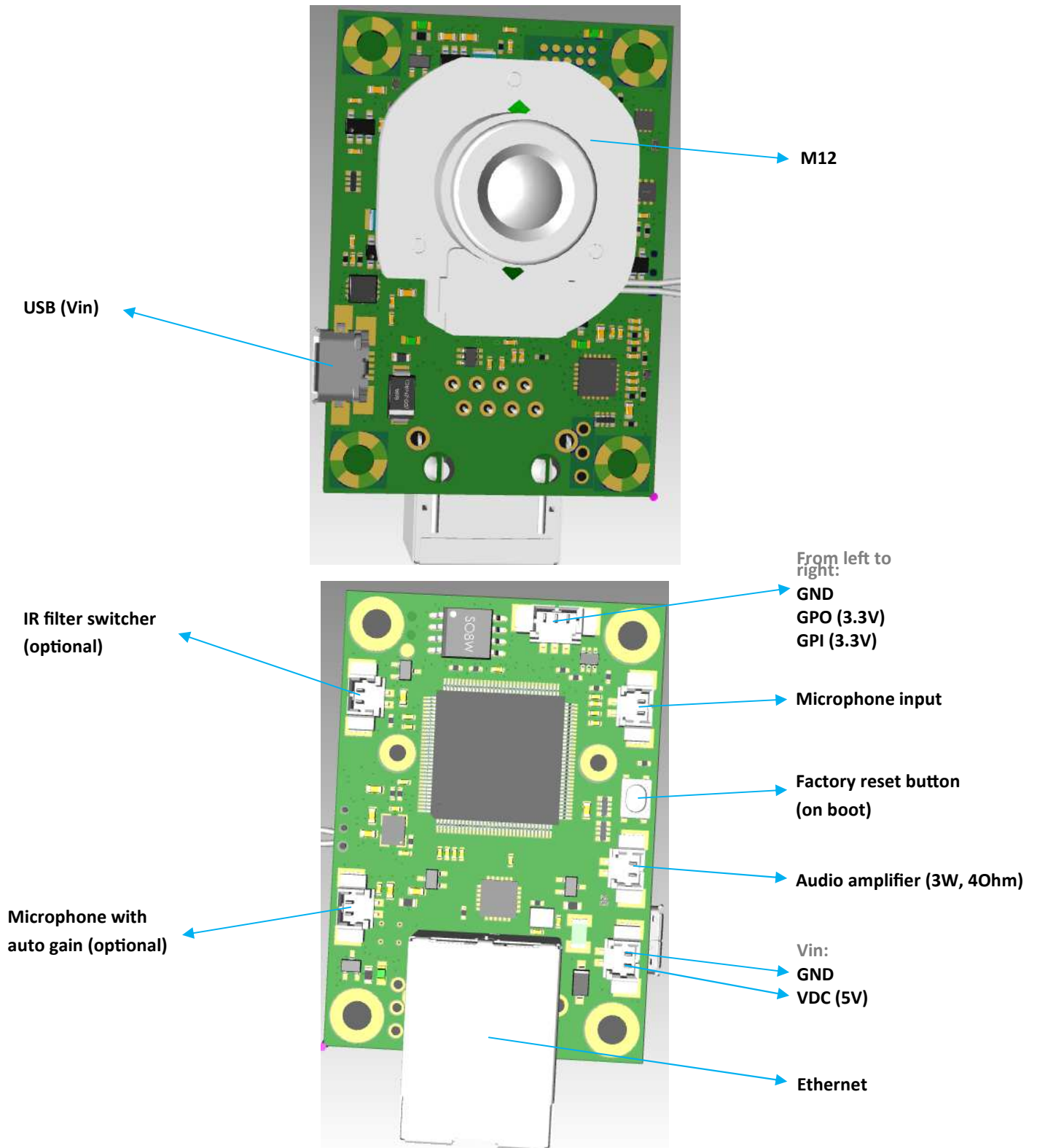
Specifications

Dimensions	35 x 50 mm
Weight	7g (without lens)
Operating temperature	-20 to +70°C
Power consumption (USB, 5V)	max 1.15W (1280x720 @ 30 fps)
Current drawn	max 250mA
Resolutions	H.264, MJPEG {1280x960, 1280x720, 640x480, 320x240} @ 10/20/30 fps {1920x1080} @ 10/15/20 fps More available on request
Bitrate	Customizable up to 20MBits/s
OS embedded	Linux
Mount	M12, different types of lens available

Connection

USB2.0 (default)	4.75 to 5.25V
Picoblade 2pts (on request)	4.75 to 5.25V

Features

On Screen Display (OSD)	Fully customizable text displayable in real time onto the video stream, as well as optional timestamp
Motion detection	Fully integrated motion detector activable at no performance cost
RTSP server	Embedded RTSP server on port 554
Interface / API	Web interface and HTTP API to configure, test the camera and acquire images
Filter switcher (optional)	Optional driveable mount for switching between a 2 filters set, daylight and night mode
Luminosity sensor (optional)	Optional luminosity sensor can be embedded for further interactions
Custom board (large volume orders only)	Custom board designed to your own dimensions and specifications can be manufactured
Sustainability	Long term