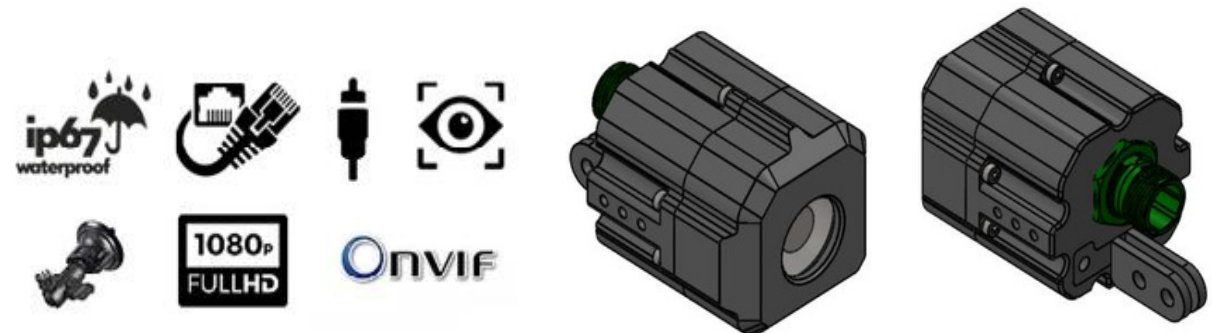


Falcon Micro

Falcon Micro is a ruggedized micro digital sensor that was created for superior low light vision scenarios.

Falcon Micro is IP67, all-weather robust, light weight and unobtrusive. Resistant towards challenging environmental conditions, such as water damage, failure of electrical, mechanical, and optical components.

Falcon Micro provides both digital (Ethernet) and Analog (CVBS) video streams. It has Mil.STD D38999 connector with Hard Anodized aluminum chassis, and sapphire window.



MICRO RUGGED LOW LIGHT SENSOR

FRONT WINDOW SAPPHIRE GLASS

IMAGING SENSOR

1/2.8" SONY IMX 327 2.16MP WDR PROGRESSIVE SCAN CMOS
FULL HD 1920x1080 pixels, Color: 0.001 LUX @ F1.4
FRAME RATE 30 FPS, FULL HD + FULL D1 + CVBS
ELECTRONIC SHUTTER SPEED 1/10000s to 1/25s

FOV

(H) 90°(V) 46°, 4mm DC DRIVE M12

INTERFACES

CVBS COMPOSITE VIDEO, ETHERNET (RTSP/HTTP/ONVIF)

PROTOCOLS

RTSP H.264 / H.265 / MJPEG, H.264 BP/MP/HP, ONVIF, HTTP WEB

LOW LIGHT MODE

INTEGRATED ICR, OPTIONAL EXTERNAL IR

POWER

12VDC<2W MAX

ENVIRONMENTAL

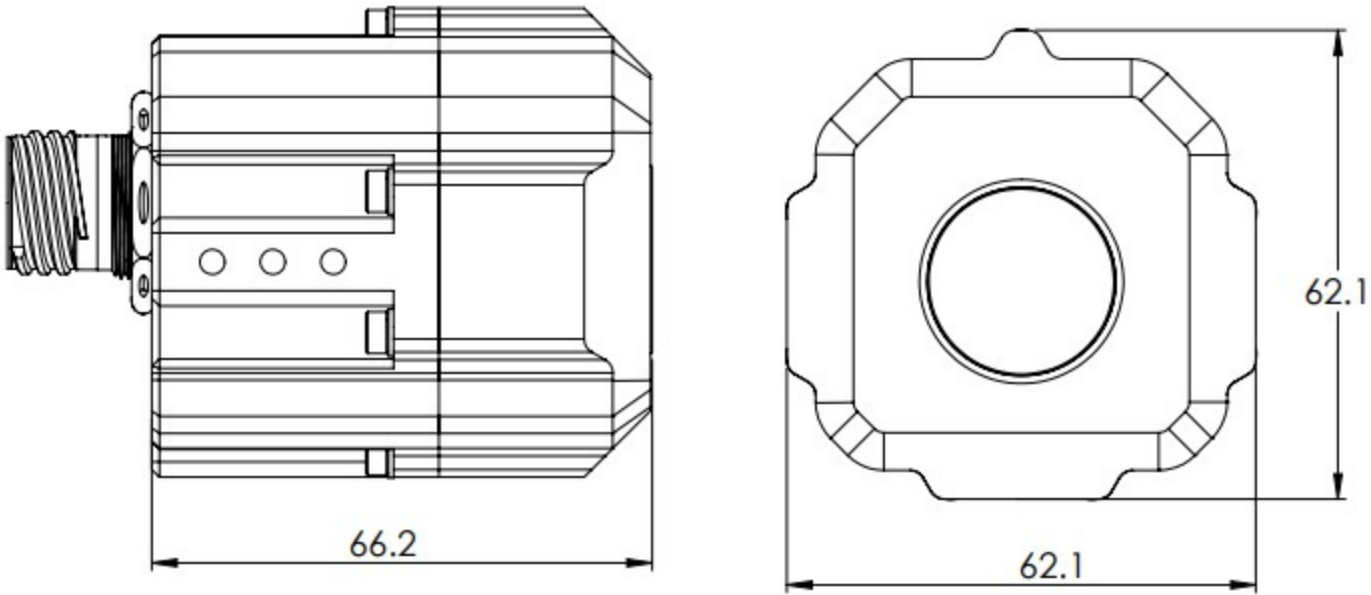
IP67 CHASSIS, EASY MOUNTING, OPERATING TEMP -20°C to +80°C

DIMENSIONS

(LxWxH, mm) 62x62x85mm
WEIGHT 270g

Falcon Micro

DIMENSIONS (mm)



COLOR

ANNODIZED MATTE BLACK

DESIGN STANDARDS

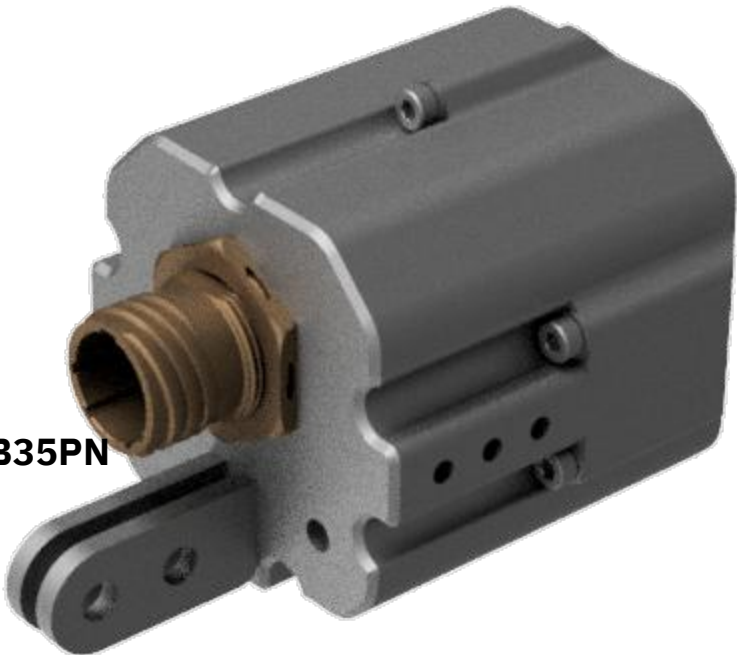
MIL-STD-1275D,
MIL-STD-810F, Part III, Paragraph 4. Environmental Elements

MICRO RUGGED LOW LIGHT SENSOR

PANEL Pin Layout D38999/24WB35PN



PIN#	DESCRIPTION
1	+12VDC INPUT POWER
2	GND INPUT POWER
3	ETHERNET TX-P
4	ETHERNET TX-N
5	ETHERNET RX-P
6	NC
7	NC
8	NC
9	NC
10	NC
11	ETHERNETRX+ N
12	COMPOSITE VIDEO SIGNAL
13	COMPOSITE VIDEO GND



D38999/24WB35PN

OPTIONAL BRACKET

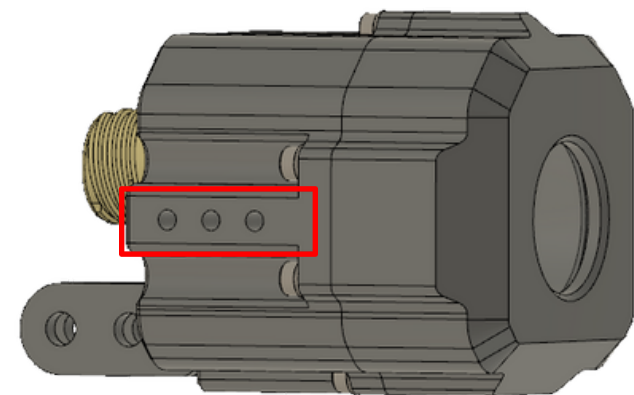
UNIVERSAL BALL ADAPTER SUPPORT
Part#:RAP-B-202U-GOP1



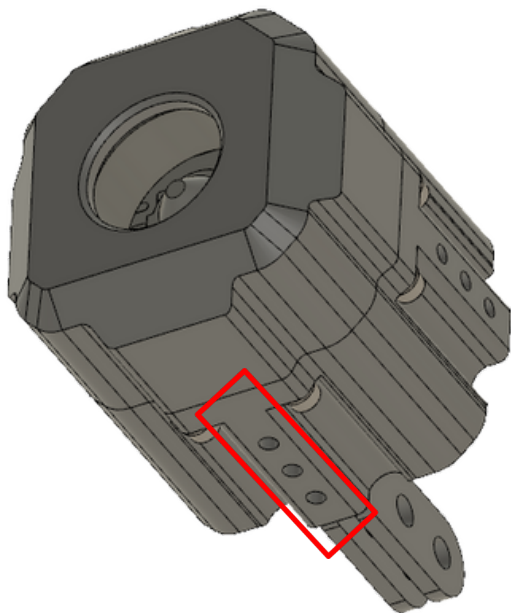
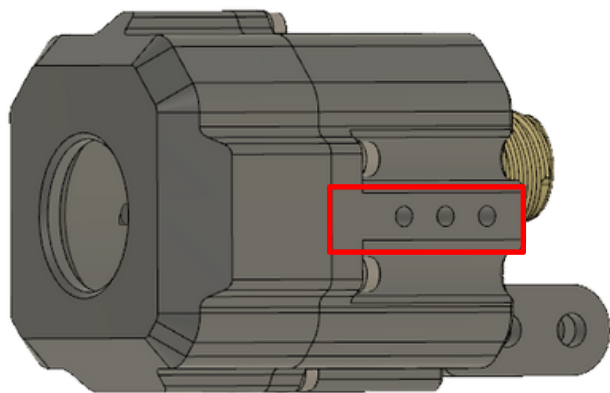
MICRO RUGGED LOW LIGHT SENSOR

FALCON MICRO INSTALLATION

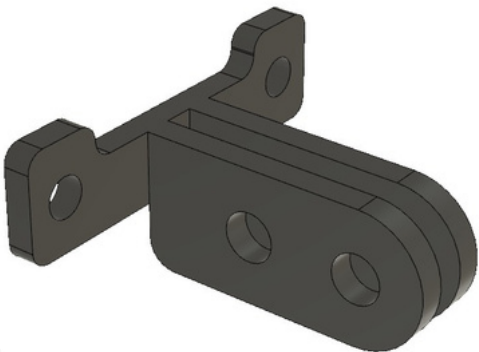
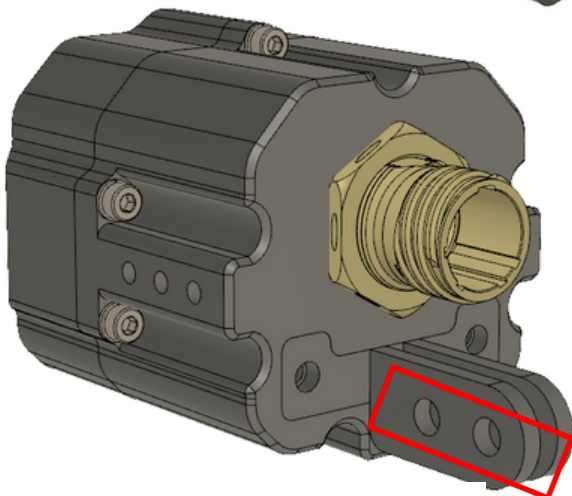
BY DEFAULT THE CHASSIS HAS THREE OPTIONS FOR MOUNTING THE CAMERA



M4 Mounting screws



THE MOUNTING BRACKET ON THE CAMERA IS ANOTHER MOUNTING OPTION



M5 Pass-through

