

MICRO RUGGED LOW LIGHT SENSOR



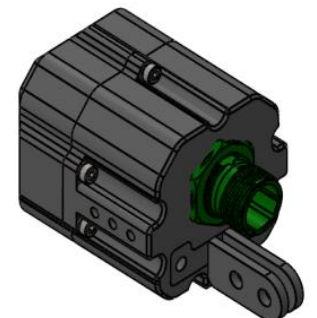
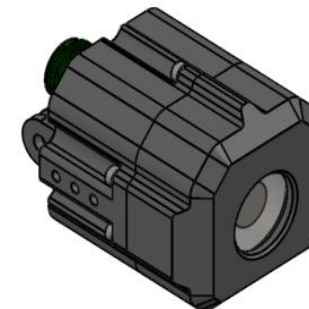
xEye



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

xEye 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.

xEye 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

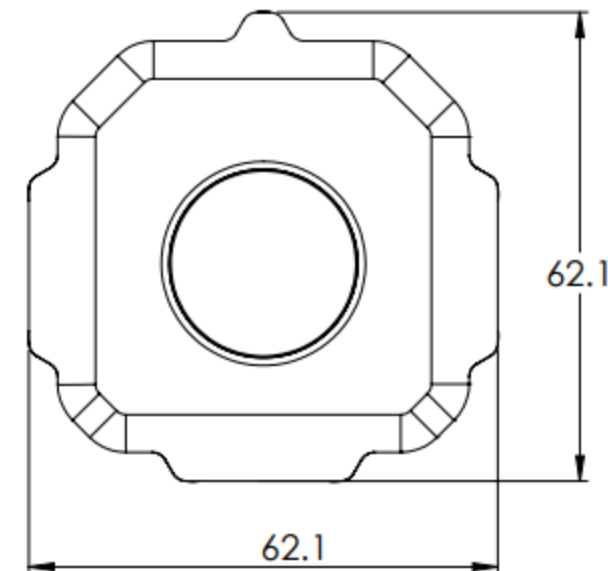
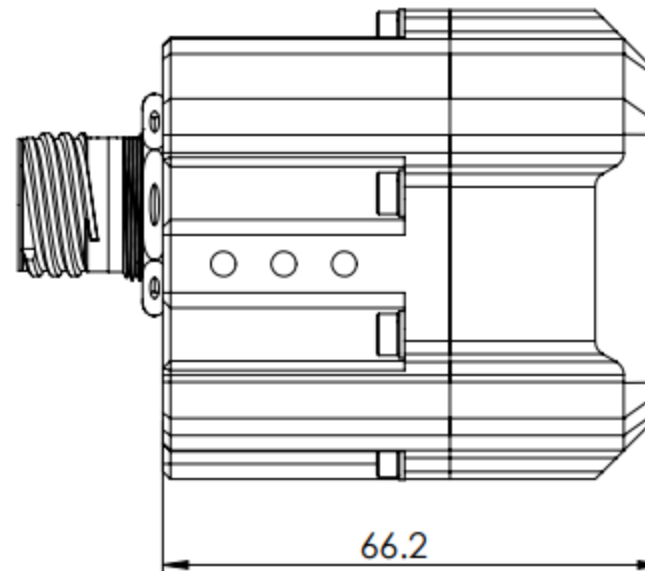
(LxWxH, mm) 62x62x85mm

WEIGHT 270g



xEye

DIMENSIONS (mm)



COLOR

ANNODIZED MATTE BLACK

DESIGN STANDARDS

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

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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	ETHERNET RX+ N
12	COMPOSITE VIDEO SIGNAL
13	COMPOSITE VIDEO GND



xEye

xEye PART NUMBERING:

xEye-[FOV]-[CT]

[FOV] FIELD OF VIEW

70 – 5mm, 70° DAY (70.7°x43.5°)
89 – 4mm, 89° DAY (84.6°x45.9°)

[CT] CONNECTOR TYPE

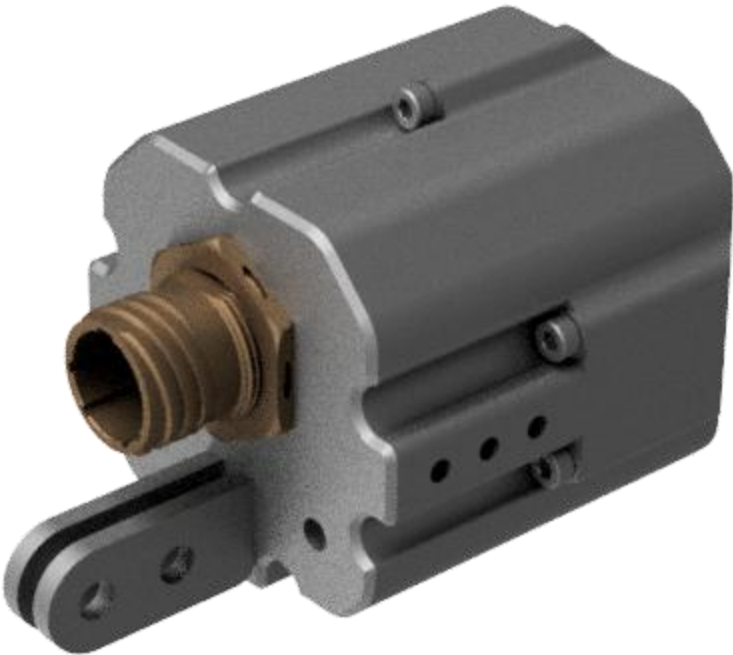
CD – D38999 Crimp Olive Drab Cadmium
BR – D38999 Crimp Bronze
SS – Hermetic D38999 Solder Stainless Steel

OPTIONAL CONNECTOR

D38999/24WB35PN
Termination Style: Crimp
Olive Drab Cadmium

TVS07RB-11-35PN
Termination Style: Crimp
Bronze

23YB35PN
Termination Style: Solder
Stainless Steel



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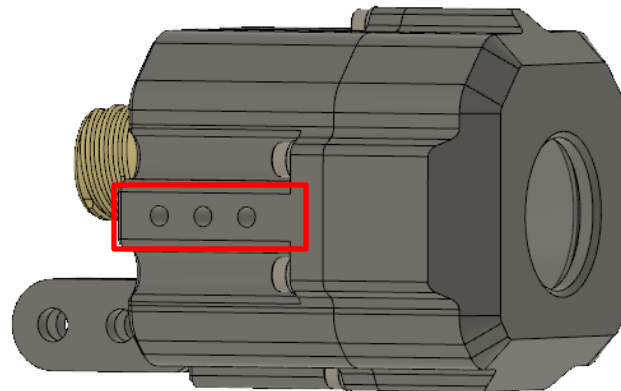
EASY INSTALLATION

BY DEFAULT THE CHASSIS HAS THREE OPTIONS FOR MOUNTING THE CAMERA

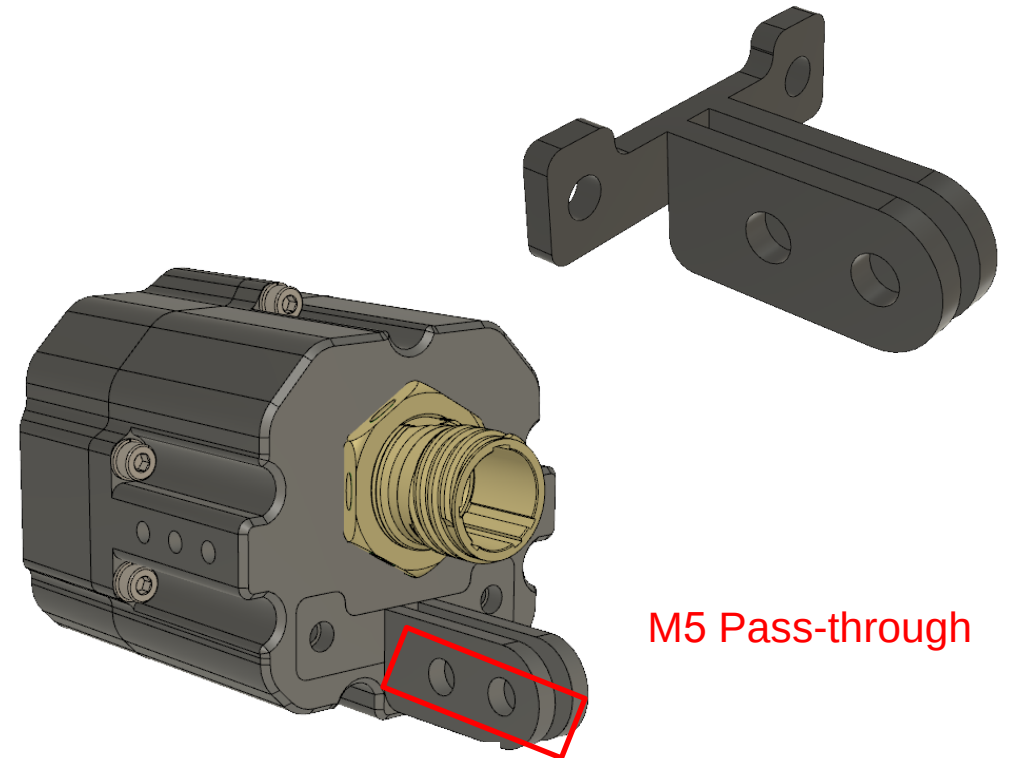
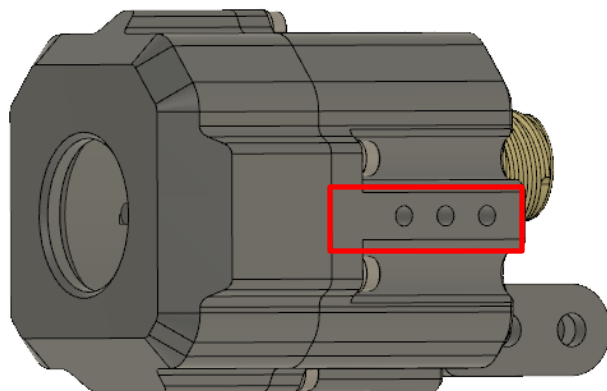
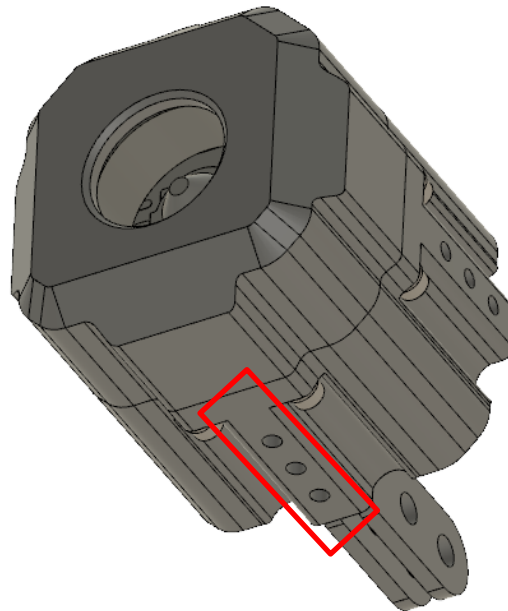


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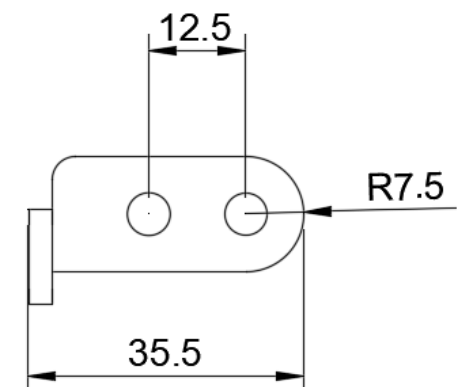
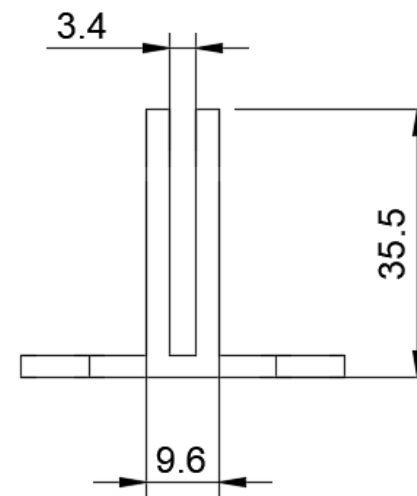
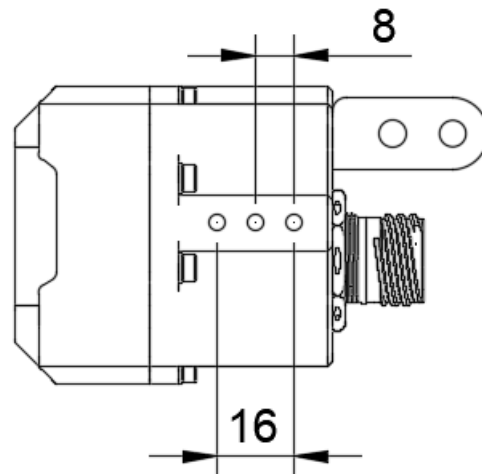
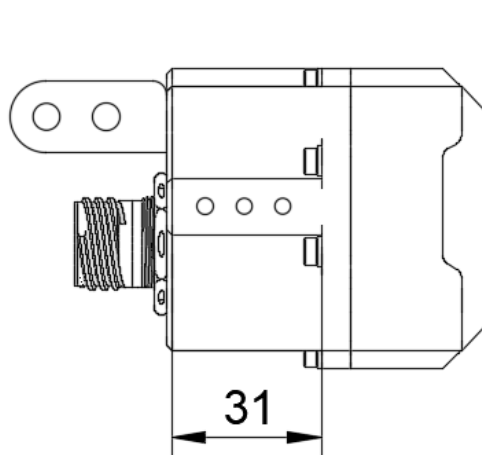
THE MOUNTING BRACKET ON THE CAMERA IS ANOTHER MOUNTING OPTION



M4 Mounting screws



M5 Pass-through



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OPTIONAL BRACKET

UNIVERSAL BALL ADAPTER SUPPORT

Part#:RAP-B-202U-GOP1

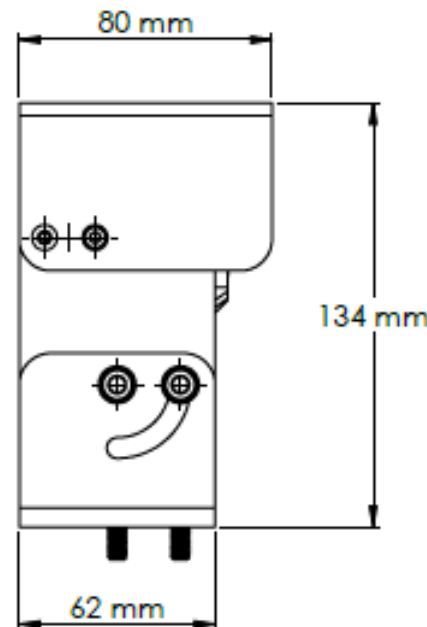
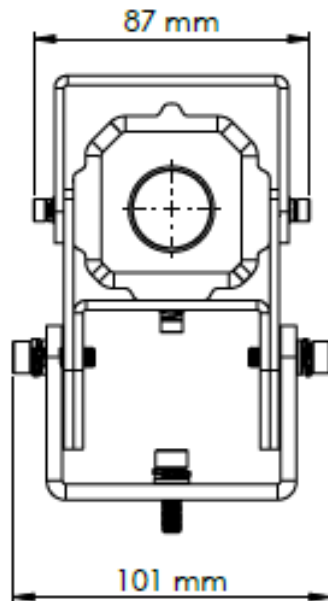


MICRO RUGGED LOW LIGHT SENSOR

xEye-BRKT-R /RS



xEye-BRKT



BRACKET PART NUMBERING:

xEye-BRKT-[BT]

[BT] BRACKET TYPE:

**R MATTE BLACK RAL 9005 ALUMINUM
BRACKET**

**RS BLACK STEEL BRACKET
(roof assembly)**

**S MATTE BLACK RAL 9005 ALUMINUM
BRACKET**

**SS BLACK STEEL BRACKET
(side assembly)**

M MATTE BLACK RAL 9005 ALUMINUM BRACKET

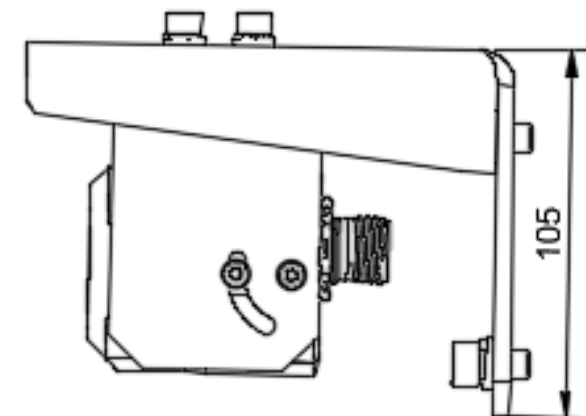
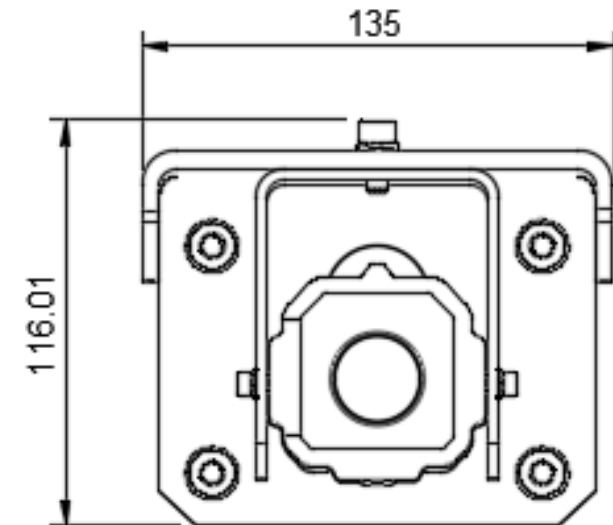
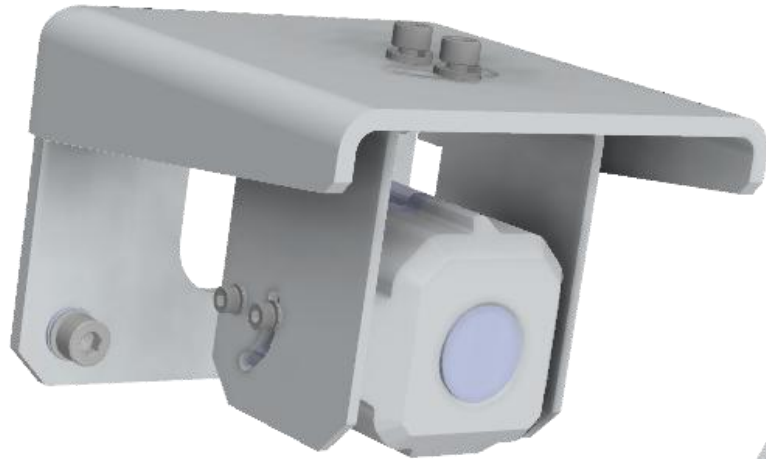
**MS BLACK STEEL BRACKET
(multi assembly)**

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xEye-BRKT-S /SS



xEye-BRKT



MICRO RUGGED LOW LIGHT SENSOR

xEye-BRKT-M /MS



xEye-BRKT

