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NOTES:

1. WHEN MOUNTING CAMERA, USE PRIMARY HOLES ON LENS. SECONDARY HOLES ARE AVAILABLE ON SENSOR FRAME FOR ADDITIONAL SUPPORT AND FOR MOUNTING ACCESSORIES.
2. DUE TO VARIATION IN BACKWORKING DISTANCE, SENSOR POSITION AND SECONDARY MOUNTING HOLES HAVE VARIABLE LOCATION WITH RESPECT TO DATUM A +/- 2MM
3. THE LENS ASSEMBLY AND SENSOR ASSEMBLY HAVE VARIABLE ALIGNMENT IN ORDER TO FACILITATE OPTICAL CALIBRATION. DATUMS A AND B ARE +/- 1MM RELATIVE TO SECONDARY MOUNTING HOLES AND SENSOR POSITION
4. OVERALL THERMAL DISSIPATION IS APPROX. 16 WATTS. PRIMARY HEATSINKING SURFACES INDICATED
5. TRIPOD MOUNT TO BE USED FOR SHIPPING AND TESTING, NOT FOR INTEGRATION.
6. FOR CONNECTOR INFORMATION, REFERENCE ELECTRICAL ICD DOC NO 20-70005
7. RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE ZOOM = 9.5°
8. APPROXIMATE MASS = 1420g WITH SIDE MOUNTING BRACKET AND TRIPOD MOUNT, TRIPOD MOUNT = 21g, MOUNTING BRACKET = 62g

TOP VIEW

NOTE MOVING ELEMENTS AND CABLES

FRONT VIEW

APPROXIMATE CENTER OF GRAVITY

3 2 x M2.5X0.45 - 6H ∇ 5

4

APPROXIMATE CENTER OF GRAVITY

RIGHT VIEW

NOTE MOVING ELEMENTS AND CABLES

SENSOR ϕ

Product Export Classification Control Number(ECCN): 6A003.b.4.a

This document does not contain export-controlled technology.

UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS
X \pm 2.5 mm ANGLES
X.X \pm 0.3 mm X \pm 1°
X.XX \pm 0.13 mm X.X \pm 0.5°

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

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CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.

DESCRIPTION:
Mechanical ICD, Ventus HD6-2.4

SIZE B DRAWN BY: M. SCOTT SHEET 1 OF 3

DRAWING NUMBER: 20-70037 Rev. B

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2

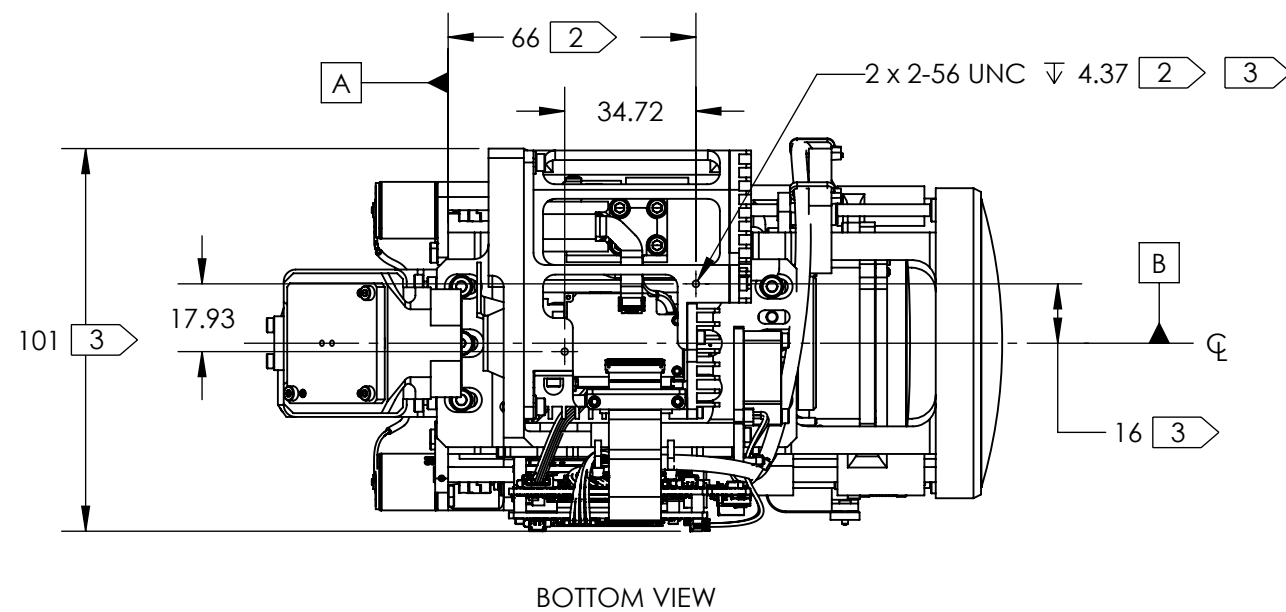
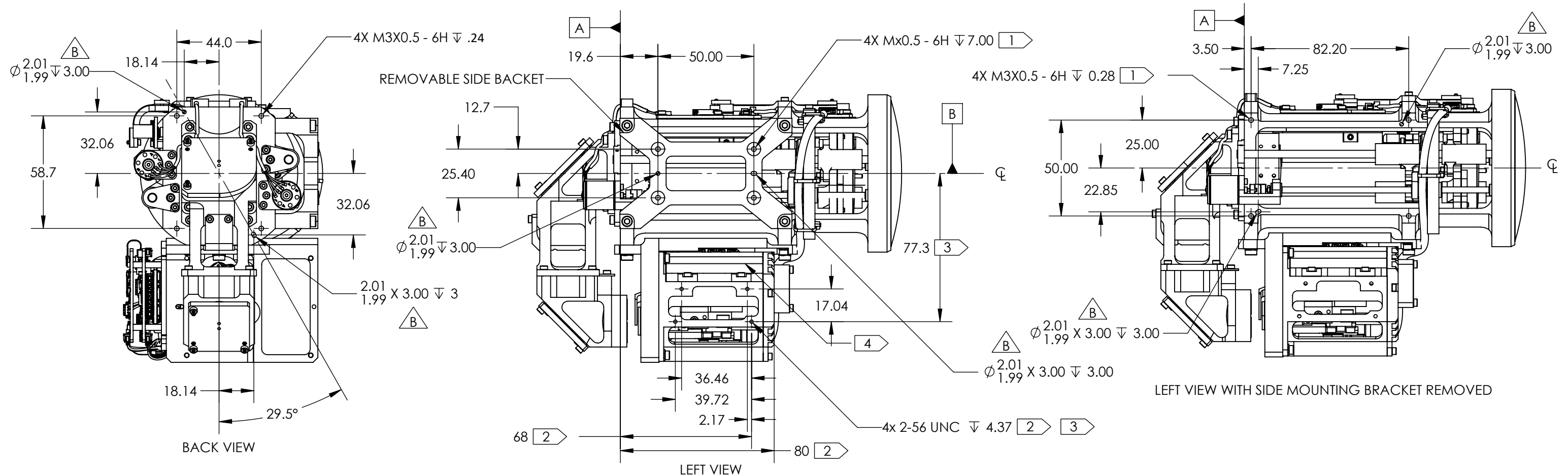
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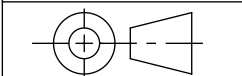
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X.X \pm 0.3 mm	X \pm 1°
X.XX \pm 0.13 mm	X.X \pm 0.5°

THIRD ANGLE PROJECTION



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MATERIAL:
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FINISH:
N/A

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THE 3D CAD PART FILE.



DESCRIPTION:
Mechanical ICD, Ventus HD6-2.4

SIZE B	DRAWN BY: M. SCOTT	SHEET 2 OF 3
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DRAWING NUMBER: 20-70037	Rev. B
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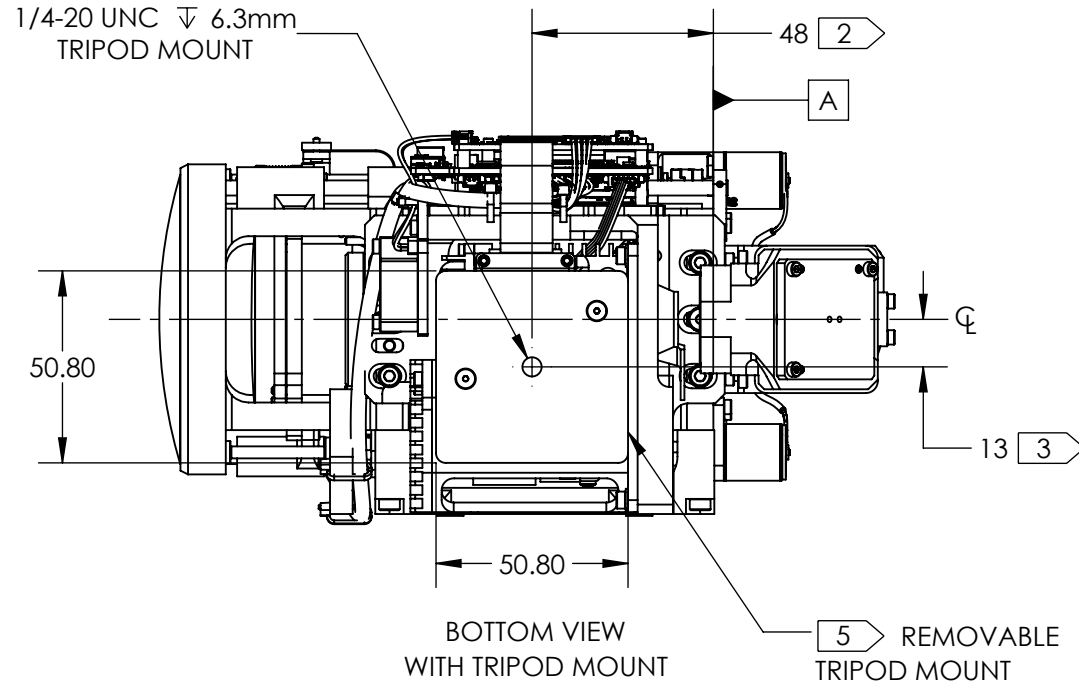
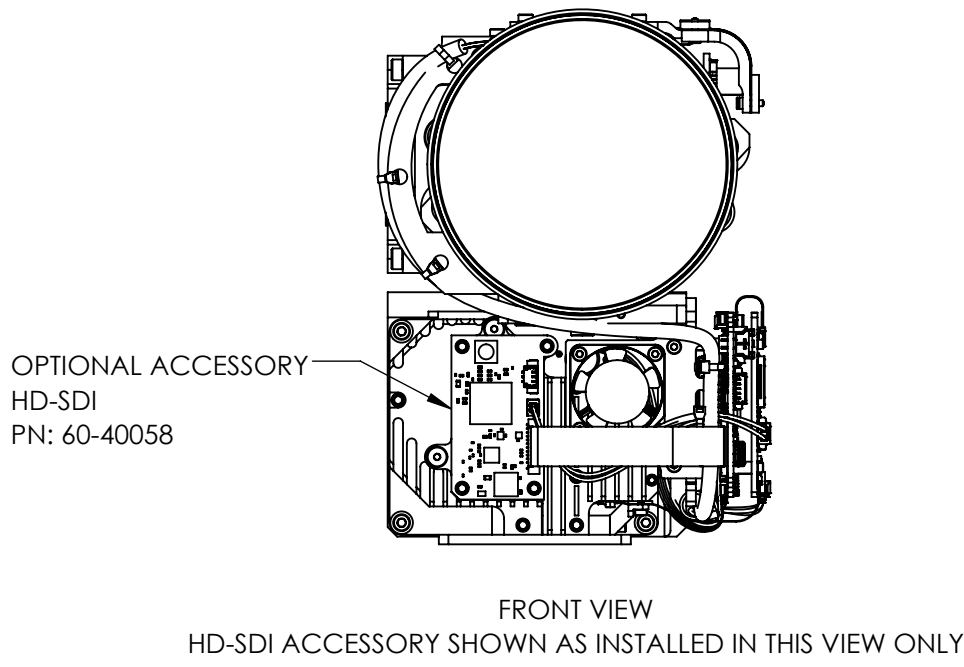
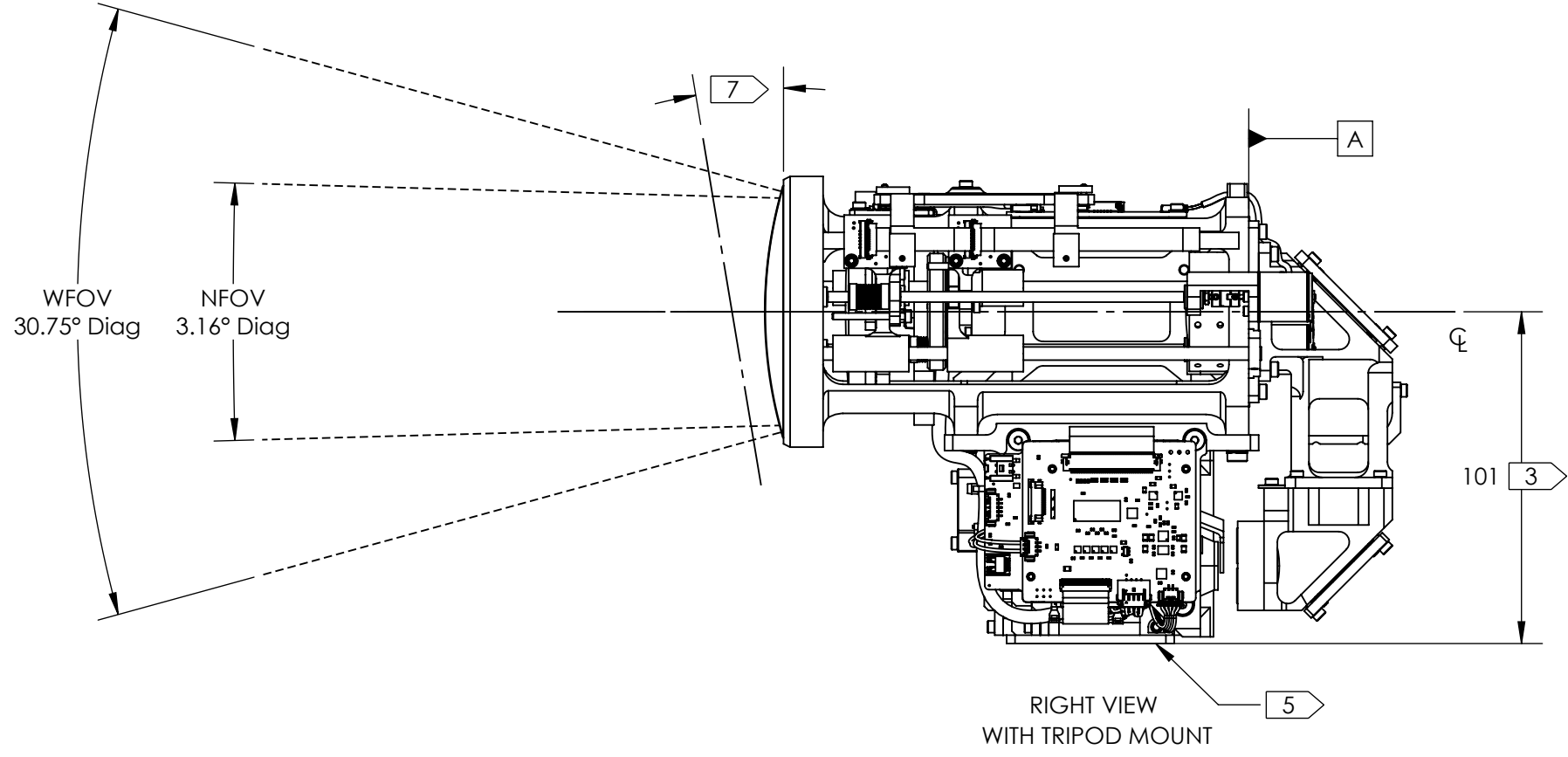
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WIDE FIELDS OF VIEW
 ENTRANCE PUPIL LOCATION 21.61mm IN FRONT OF DATUM A
 ENTRANCE PUPIL DIAMETER 6.92mm

HFOV	23.93°
VFOV	17.90°
DFOV	30.75°

NARROW FIELDS OF VIEW
 ENTRANCE PUPIL LOCATION 148.11mm IN FRONT OF DATUM A
 ENTRANCE PUPIL DIAMETER 69.23mm

HFOV	2.42°
VFOV	1.80°
DFOV	3.16°



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X ± 2.5 mm	ANGLES
X.X ± 0.3 mm	X ± 1°
X.XX ± 0.13 mm	X.X ± 0.5°

THIRD ANGLE PROJECTION

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MATERIAL:
 N/A

FINISH:
 N/A

CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY
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**SIERRA-OLYMPIA
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DESCRIPTION:
 Mechanical ICD, Ventus HD6-2.4

SIZE B	DRAWN BY: M. SCOTT	SHEET 3 OF 3
DRAWING NUMBER: 20-70037		Rev. B