REVISIONS

ZONE	REV.	ECO #	DESCRIPTION	DATE	APPROVED
	A	-	INITIAL RELEASE FOR PRODUCTION.	12/14/2022	B. MOAK
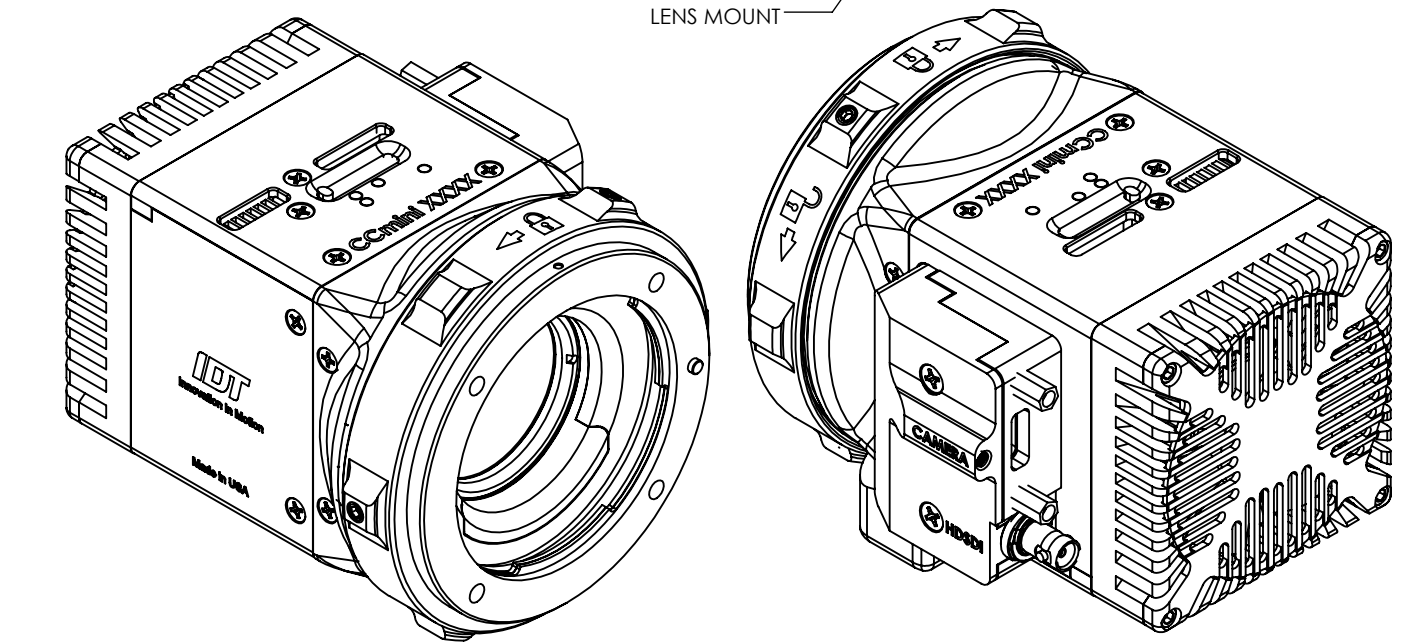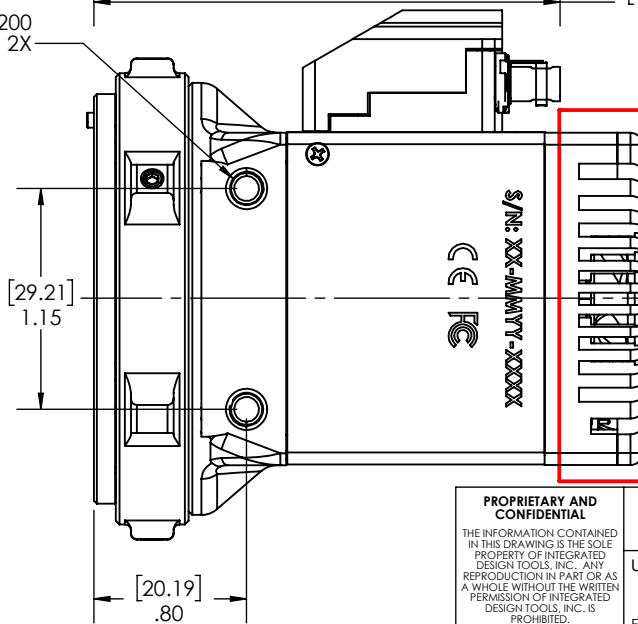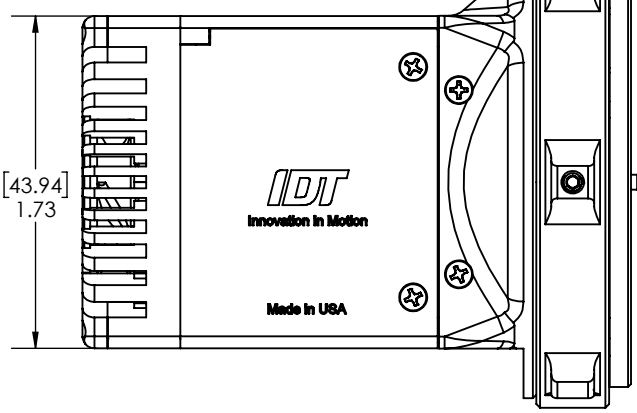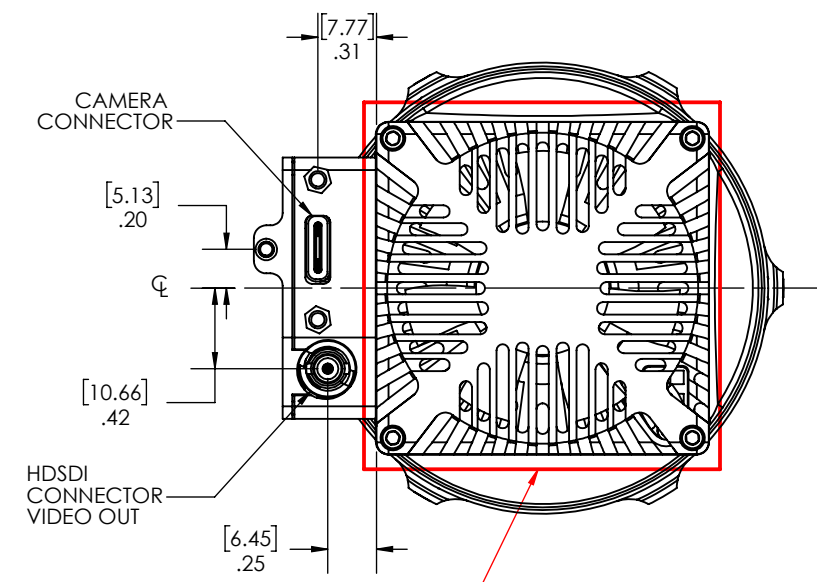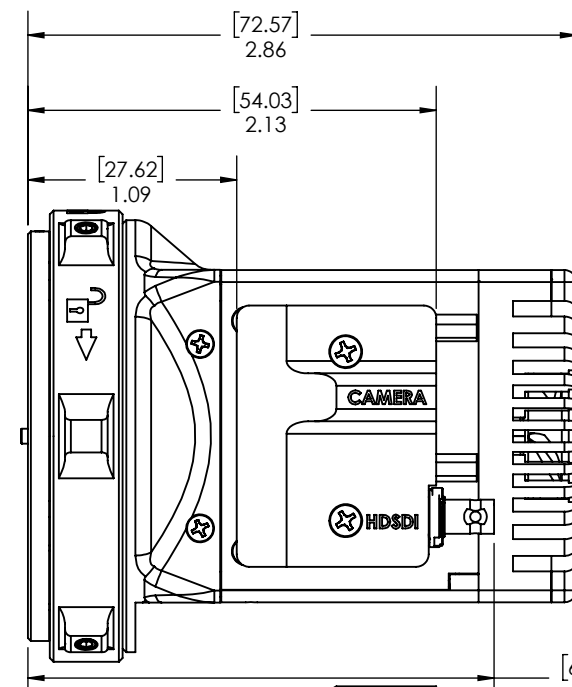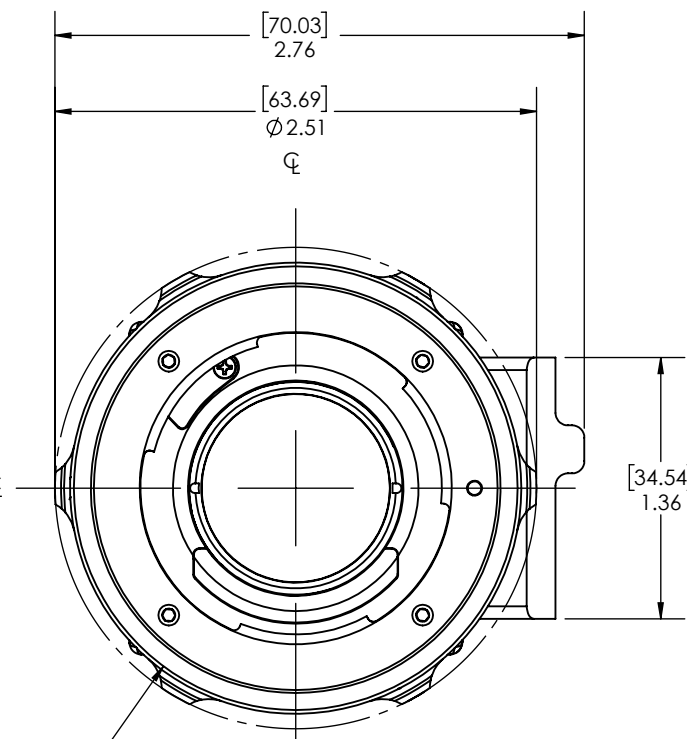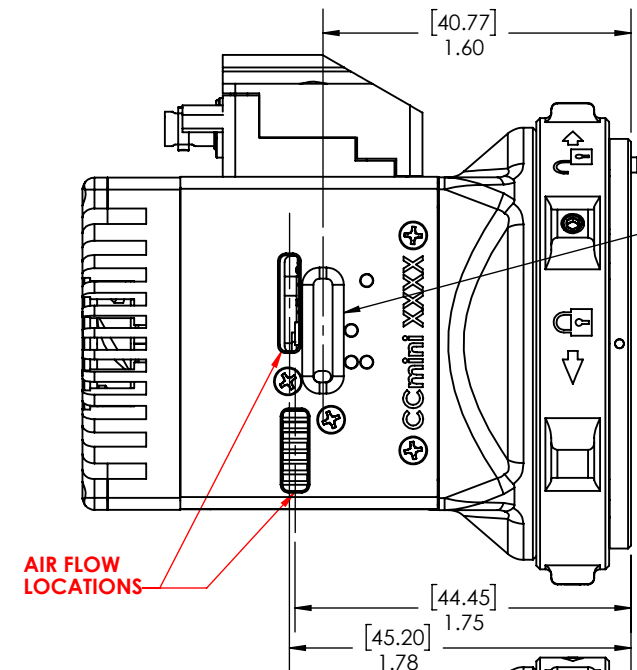
[40.77]
1.60

REMOVABLE MICRO SD
CARD SLOT

CCmini XXXX

AIR FLOW
LOCATIONS

[70.03]
2.76

[63.69]
Ø 2.51

[44.45]
1.75

[45.20]
1.78

[72.57]
2.86

[54.03]
2.13

[27.62]
1.09

[43.94]
1.73

[34.54]
1.36

CAMERA
CONNECTOR

[7.77]
.31

[5.13]
.20

[10.66]
.42

[6.45]
.25

HDSDI
CONNECTOR
VIDEO OUT

IDT
Innovation in Motion
Made in USA

CAMERA

HDSDI

MANUAL micro 4/3'S
LENS MOUNT

#8-32 UNC-2B ▼ .200
2X

[61.66]
2.43

[29.21]
1.15

AIR FLOW LOCATION
DO NOT BLOCK
ALL FOUR SIDES

[20.19]
.80

S/N: XXXX-YY-MMM-XX

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
FRACTIONAL DECIMAL ANGULAR
± 1/16   .X ± .03   ± 1°
         .XX ± .01
         .XXX ± .005

DO NOT SCALE DRAWING

			PROJECT NAME: CRASH CAM MINI 8G	**INTEGRATED DESIGN TOOLS, INC** 1 WEST MOUNTAIN STREET SUITE 3 PASADENA, CA 91103

DRAWN: B. MOAK 12/14/2022
CHECKED: D. ATOL 12/14/2022
MECH. ENGINEER: B. MOAK 12/14/2022
ELECTRICAL ENGINEER:
OPERATIONS MANAGER:
PROGRAM MANAGER:

TITLE:
**CRASH CAM MINI 8G ASSY
MMFT, ICD**

SIZE: **B**   DWG. NO. **1477-0130**   REV **A**
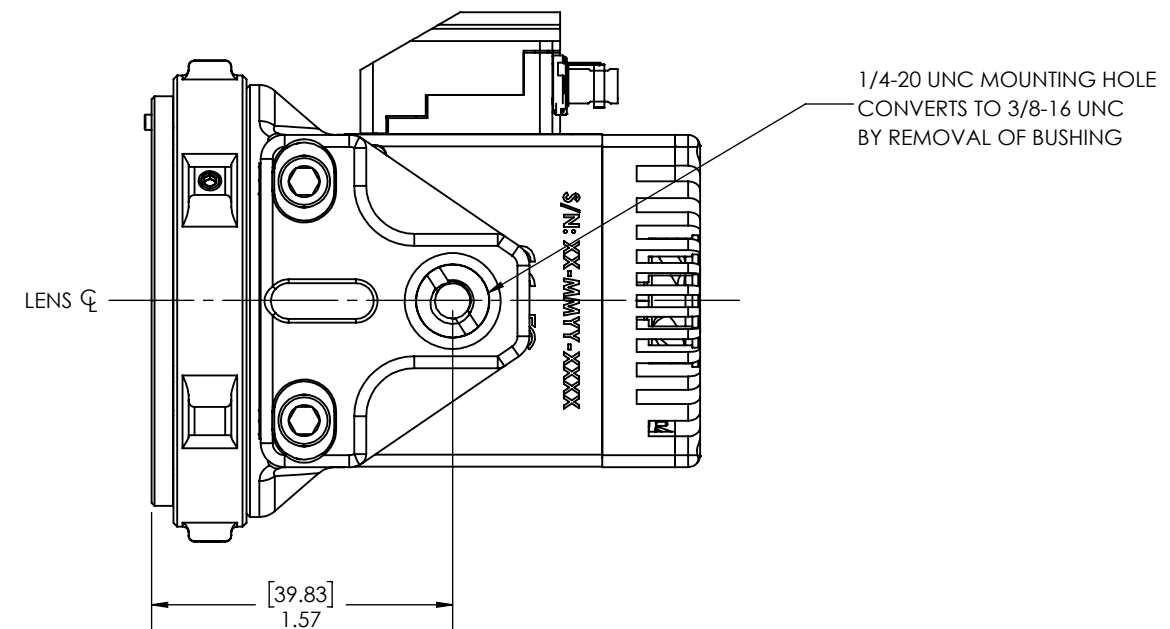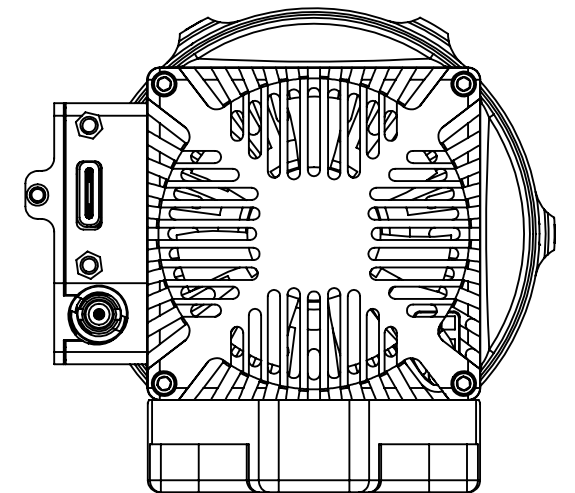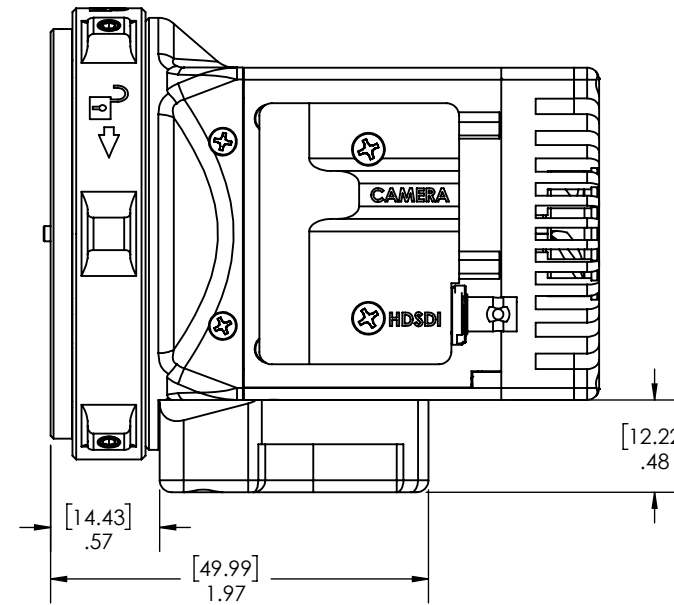
SCALE: 1:1   DATE: 12/14/2022   SHEET 1 OF 2

FOR CONNECTOR ELECTRICAL SPECIFICATION REFERENCE ONLY

CAMERA WITH TRIPOD MOUNT ATTACHED

USB-C 3.0 CONNECTOR CAMERA PORTS		
PIN	SIGNAL	TECHNICAL DESCRIPTION
A1	GND	GROUND , DRAIN
A2	MCT 6 / ETH 7	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
A3	MCT 7 / ETH 8	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
A4	+ CAM POWER	10 VDC
A5	READY OUT	TTL 5V, 10mA MAX
A6	SYNC IN	2.7 kΩ ± 10% SWITCH CLOSURE (TTL) 5V AND CMOS LEVEL COMPATIBLE
A7	SYNC OUT	TTL 5V, 10mA MAX
A8	TRIG IN	2.7 kΩ ± 10% SWITCH CLOSURE (TTL) 5V AND CMOS LEVEL COMPATIBLE
A9	+ CAM POWER	10 VDC
A10	MCT 3 / ETH 6	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
A11	MCT 2 / ETH 3	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
A12	GND	GROUND , DRAIN
B1	GND	GROUND , DRAIN
B2	MCT4 / ETH 4	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
B3	MCT 5 / ETH 5	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
B4	+ CAM POWER	10 VDC
B5	READY OUT	TTL 5V, 10mA MAX
B6	SYNC IN	2.7 kΩ ± 10% SWITCH CLOSURE (TTL) 5V AND CMOS LEVEL COMPATIBLE
B7	SYNC OUT	TTL 5V, 10mA MAX
B8	TRIG IN	2.7 kΩ ± 10% SWITCH CLOSURE (TTL) 5V AND CMOS LEVEL COMPATIBLE
B9	+ CAM POWER	10 VDC
B10	MCT 1 / ETH 2	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
B11	MCT 0 / ETH 1	100 Ω ± 15% , GIGABIT ETHERNET (1000BaseT)
B12	GND	GROUND , DRAIN

[12.22] .48

[14.43] .57

[49.99] 1.97

1/4-20 UNC MOUNTING HOLE CONVERTS TO 3/8-16 UNC BY REMOVAL OF BUSHING

LENS ℄

S/N: XX-MMYY-XXXX

[39.83] 1.57

PROJECT NAME:
CRASH CAM MINI 8G

INTEGRATED DESIGN TOOLS, INC
1 WEST MOUNTAIN STREET SUITE 3
PASADENA, CA 91103

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON:
FRACTIONAL DECIMAL ANGULAR
± 1/16   .X ± .03   ± 1°
.XX ± .01
.XXX ± .005

TITLE:
CRASH CAM MINI 8G ASSY MMFT, ICD

SIZE: B   DWG. NO. 1477-0130   REV A

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

SCALE: 1:1   DATE: XX/XX/XXXX   SHEET 2 OF 2