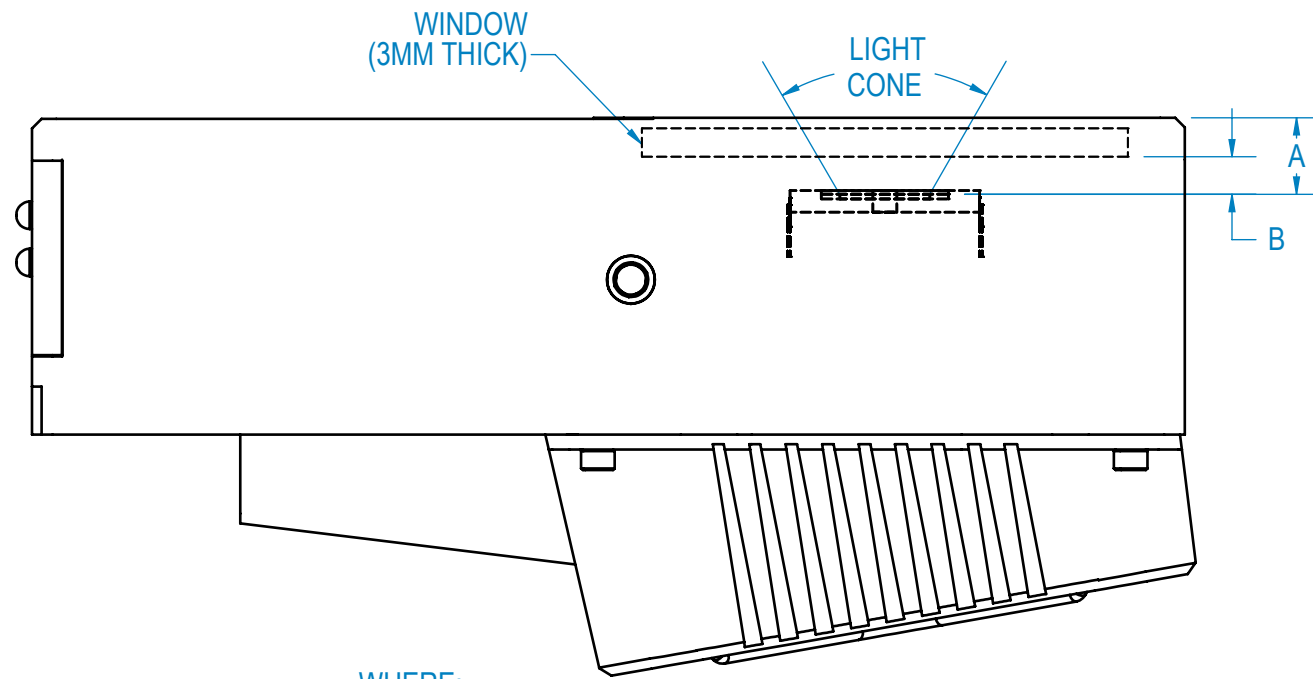
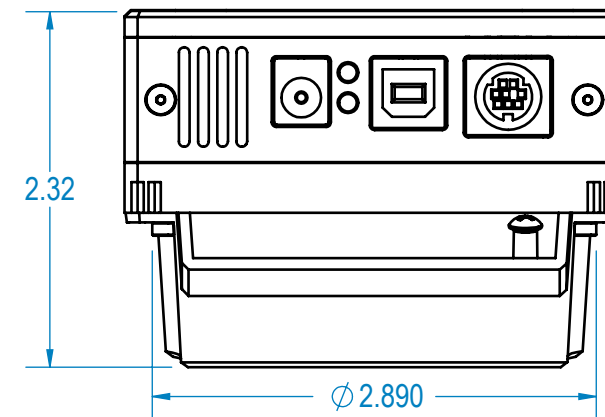
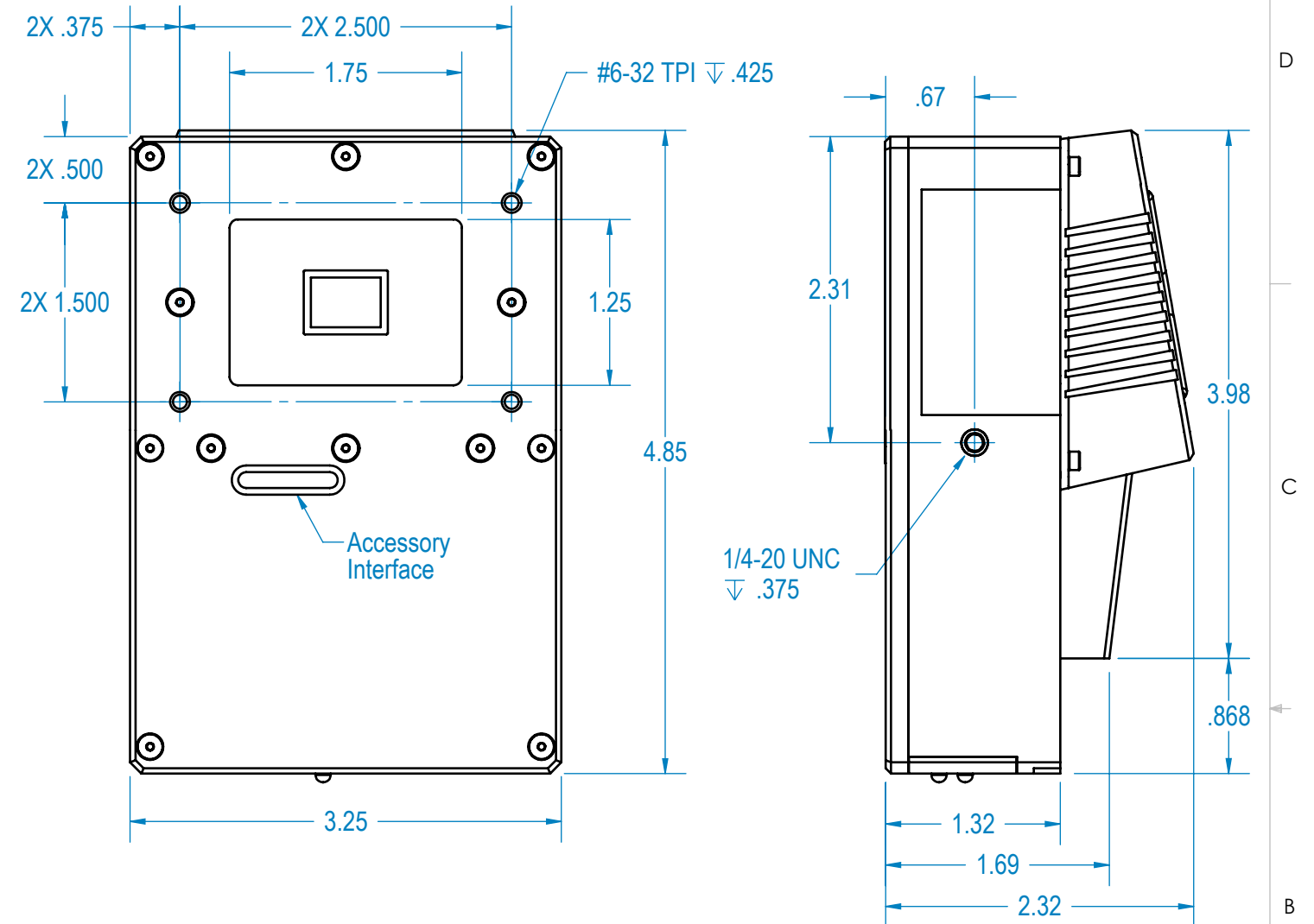


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
01	INITIAL RELEASE	7/09/2009	GR
02	ADDED A4050 AND A8050	1/19/2010	GR
03	ADDED A29050 AND TABLE COLUMN FOR DIM "A" (NON OPTICALLY CORRECTED)	10/31/2011	MD



WHERE:
 A = IMAGE PLANE TO MOUNTING PLANE
 B = IMAGE PLANE TO INNER WINDOW SURFACE



CAMERA MODEL	CCD	ENGLISH (IN)			METRIC (MM)			Light Cone (DEG)
		A	A*	B	A	A*	B	
A205	ICX205AL	0.333	0.296	0.170	8.46	7.52	4.32	15
A285	ICX285AL	0.322	0.285	0.159	8.18	7.24	4.04	56
A340	KAI-0340S	0.319	0.282	0.156	8.10	7.16	3.96	40
A1050	KAI-01050	0.327	0.290	0.164	8.31	7.37	4.17	28
A2050	KAI-02050	0.327	0.290	0.164	8.31	7.37	4.17	74
A2150	KAI-02150	0.327	0.290	0.164	8.31	7.37	4.17	73
A4050	KAI-04050	0.327	0.290	0.164	8.31	7.37	4.17	39
A8050	KAI-08050	0.315	0.278	0.152	8.00	7.06	3.86	42
A2000	KAI-2020	0.320	0.283	0.157	8.13	7.19	3.99	41
A4000	KAI-4022	0.326	0.289	0.163	8.28	7.34	4.14	39
A16000	KAI-16000	0.327	0.290	0.164	8.31	7.37	4.17	31
A29050	KAI-29050	0.347	0.310	0.184	8.81	7.87	4.67	31
WORST CASE TOLERANCE (+/-)		0.013	0.013	0.015	0.33	0.33	0.38	1

*ABOVE VALUES ARE OPTICALLY CORRECTED FOR DIFFRACTION

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

THIRD ANGLE PROJECTION

AIS Apogee IMAGING SYSTEMS

MECHANICAL SPECIFICATION, ASCENT

NAME	DATE
DRAWN GR	070809
CHECKED GR	070909
ENG WB	070909

SIZE B DWG. NO. ASCENT REV. 03

SCALE 1:1 RELEASE DATE SHEET 1 OF 1