

Apogee Alta - Notice of Discontinuance

October 2019

Background

Andor have recently received a Notice of Discontinuance announcement from On Semiconductor, relating to their entire CCD sensor range. Their decision was taken as a reflection of the ongoing market conversion from CCD to CMOS image sensors, causing recent activity on CCD sensor products to have declined to a level which can no longer be sustained. The stated last time buy threshold for On-Semiconductor CCD sensors is 18th March 2020.

On Semiconductor CCD sensors constitute the vast majority of Andor's Apogee Alta camera range. As a result of these factors, Andor have taken the difficult decision to discontinue the Apogee Alta camera platform.

Apogee Alta Obsolescence Process

- A **Notice of Discontinuance** was started on the Apogee Alta CCD range on 3rd October 2019. The period for the Notice of Discontinuance will be 5 months. During this period, last time orders for some standard Apogee Alta cameras can be placed. Models which can still be ordered during this period are listed below:

Alta F42
Alta F47
Alta F16
Alta F16M
Alta F9000
Alta F8300
Alta F32
Alta F6
Alta F4000

Note, a list of Recommended Replacement products are shown overleaf.

- On 3rd March 2020, the Apogee Alta products will effectively become **Discontinued** and can *no longer be ordered*. At this point, a further 4 months will be allowed for any remaining shipments to be built and delivered.
- On 3rd July 2020, the Alta will be officially listed as **Obsolete**. Full details of the terms of obsolescence and continued support timescales can be obtained from Andor's Obsolescence policy web page: <http://www.andor.com/obsolescencepolicy.aspx>

Apogee Alta Replacement Products

Many of the Apogee products can be replaced by high performance, high resolution sCMOS cameras, from the Zyla, Neo and Balor product families. Some models can also be replaced by Andor's deep cooled CCD cameras, from the iKon L and iKon-M product families.

Model	Sensor type	CCD	Array Size		Megapixels	Pixel size (μm)	Diagonal (mm)	Recommended Replacement
			X	Y				
F42	FF, BI, UV	E2V CCD42-40	2048	2048	4.2	13.5	39.1	iKon-L 936
F47	FF, BI, UV	E2V CCD47-10	1024	1024	1	13	18.8	iKon-M 934
F16	FF, FI	KAF-16801	4096	4096	16.8	9	52.1	Balor 17F
F16M	FF, FI	KAF-16803	4096	4096	16.8	9	52.1	Balor 17F
F9000	FF, FI	KAF-09000	3056	3056	9.3	12	51.9	Balor 17F
F8300	FF, FI	KAF-8300	3326	2504	8.3	5.4	23.2	Zyla 5.5; Neo 5.5
F32	FF, FI	KAF-3200	2184	1472	3.2	6.8	18.1	Zyla 4.2 PLUS, Zyla 5.5; Neo 5.5
F2	FF, FI	KAF-1603	1536	1024	1.6	9	16.6	Zyla 4.2 PLUS
F6	FF, FI	KAF-1001	1024	1024	1	24	34.8	Zyla 5.5; Neo 5.5
F1	FF, FI	KAF-0402	768	512	0.4	9	8.3	Zyla 4.2 PLUS
F260	FF, FI	KAF-0261	512	512	0.3	20	14.5	iKon-M 912
F4000	IL, FI	KAI-4022	2048	2048	4.2	7.4	21.4	Zyla 4.2 PLUS; Zyla 5.5; Neo 5.5