



Ovision Tarif FLI 06 decembre.2018

Page	Model	Description	Shutter	Prix public TTC	Prix public HT
Kepler	KL6060 BI G0	Gsense6060 back-illuminated Grade 0	None	426203	355169
Kepler	KL6060 BI G1	Gsense6060 back-illuminated Grade 1	None	191519	159599
Kepler	KL6060 BI G2	Gsense6060 back-illuminated Grade 2	None	133573	111310
Kepler	KL6060 FI G0	Gsense6060 front illuminated grade 0	None	105700	88083
Kepler	KL6060 FI G1	Gsense6060 front illuminated grade 1	None	52441	43701
Kepler	KL6060 FI G2	Gsense6060 front illuminated grade 2	None	44161	36801
Kepler	KL4040-CMT G1	Gsense4040 CMT front illuminated grade 1	None	18832	15694
Kepler	KL4040-CMT G1 65mm	Gsense4040 CMT front illuminated grade 1 65mm	65	20182	16819
Kepler	KL4040-CMT G2	Gsense4040 CMT front illuminated grade 2	none	18253	15211
Kepler	KL4040-CMT G2 65mm	Gsense4040 CMT front illuminated grade 2 65mm	65	19603	16336
Kepler	0	CMT=Microlensed with sealed cover glass.			
Kepler	KL4040-CMN G1	Gsense4040 CMT front illuminated grade 1 non-microlensed	None	18832	15694
Kepler	KL4040-CMN G2	Gsense4040 CMT front illuminated grade 2 non-microlensed	none	18253	15211
Kepler	0	CMN=Non-Microlensed with removable cover glass.			
Kepler	KL400 TVISB G1	Gsense400 back illuminated TVISB grade 1	None	24627	20523
Kepler	KL400 TVISB G1 45mm	Gsense400 back illuminated TVISB grade 1 45mm shutter	45	25728	21440
Kepler	KL400 TVISB G2	Gsense400 back illuminated TVISB grade 2	None	21150	17625
Kepler	KL400 TVISB G2 45mm	Gsense400 back illuminated TVISB grade 2 45mm shutter	45	22251	18543
Kepler	KL400 UV G1	Gsense400 back illuminated UV grade 1	None	23468	19557
Kepler	KL400 UV G1 45mm	Gsense400 back illuminated UV grade 1 45mm shutter	45	24569	20474
Kepler	KL400 UV G2	Gsense400 back illuminated UV grade 2	None	19991	16659
Kepler	KL400 UV G2 45mm	Gsense400 back illuminated UV grade 2 45mm shutter	45	21092	17577
Kepler	KL400 FI G1	Gsense400 front illuminated grade 1 (non-microlensed)	None	14197	11831
Kepler	KL400 FI G1 45mm	Gsense400 front illuminated grade 1 with 45mm shutter	45	15298	12748
Kepler	KL400 FI G2	Gsense400 front illuminated grade 2 (non-microlensed)	None	13038	10865
Kepler	KL400 FI G2 45mm	Gsense400 front illuminated grade 2 with 45mm shutter	45	14139	11782
Kepler	KL2020-1 BI M	Gsense2020 Back Illuminated M grade 1	None	16514	13762
Kepler	KL2020-1 BI M 25mm	Gsense2020 Back Illuminated M grade 1 with 25mm shutter	25	17326	14438
Kepler	KL2020-2 BI M	Gsense2020 Back Illuminated M grade 2	None	13038	10865
Kepler	KL2020-2 BI M 25mm	Gsense2020 Back Illuminated M grade 2 with 25mm shutter	None	13849	11541
Kepler	0	M: Better dark current, but lower MTF and lower full well capacity	0	0	0
Kepler	KL2020-1 BI H	Gsense2020 Back Illuminated H grade 1	None	16514	13762
Kepler	KL2020-1 BI H 25mm	Gsense2020 Back Illuminated H Grade 1 with 25mm shutter	25	17326	14438
Kepler	KL2020-2 BI H	Gsense2020 Back Illuminated H grade 2	None	13038	10865
Kepler	KL2020-2 BI H 25mm	Gsense2020 Back Illuminated H grade 2 with 25mm shutter	None	13849	11541

Kepler	0	H: Better MTF, higher full well capacity, but higher dark current	0	0	0
Kepler	KL2020e-1 FI	Gsense2020e Front Illuminated grade 1	None	13038	10865
Kepler	KL2020e-1 FI 25mm	Gsense2020e Front Illuminated grade 1 with 25mm shutter	25	13849	11541
Kepler	KL2020e-2 FI	Gsense2020e Front Illuminated grade 2	None	10720	8933
Kepler	KL2020e-2 FI 25mm	Gsense2020e Front Illuminated grade 2 with 25mm shutter	None	11531	9609
Kepler	KL2011e G1 (FI)	GSense2011e Front Illuminated Grade 1	None	10720	8933
Kepler	KL2011e G1 (FI) 25mm	GSense2011e Front Illuminated Grade 1 with 25mm shutter	25	11531	9609
Kepler		Camera prices include power supply, USB3 cable, Pilot software, Windows SDK, Linux SDK			
Kepler	ADT	Addition of Anti-Dew Technology	0	313	261
Kepler	KITS	Kepler Image Time Stamp	0	1301	1084
Kepler	KL LC Connector Kit	Kepler Liquid Circulation Connector Kit	0	374	311
Kepler	QSFP Interface for Kepler	QSFP transceivers, fiber, and PCIE board	0	4198	3498
Cobalt	DC23084 G1	CCD230-84-1-145 Grade 1, no shutter	None	217016	180846
Cobalt	DC23084 G1 90mm	CCD230-84-1-145 Grade 1, 90mm shutter	90	223390	186158
Cobalt	DC4320 G1	KAF-4320 Grade 1, no shutter	None	57656	48047
Cobalt	DC4320 G1 90mm	KAF-4320 Grade 1, 90mm shutter	90	64030	53358
Cobalt	DC4320 G2	KAF-4320 Grade 2, no shutter	None	46183	38485
Cobalt	DC4320 G2 90mm	KAF-4320 Grade 2, 90mm shutter	90	52557	43797
ProLine	PL23042-BB G1	CCD230-42-1-E10 Back illuminated broadband	65	53067	44222
ProLine	PL23042-MB G0	CCD230-42-1-143 back illuminated midband Grade 0	65	62755	52296
ProLine	PL23042-MB G1	CCD230-42-1-143 back illuminated midband	65	53067	44222
ProLine	PL4210-EBB G1	CCD42-10-1-319 back illuminated enhanced BB	65	24511	20425
ProLine	PL4210-MB G1	CCD42-10-1-970 back illuminated midband AR coating	65	22280	18566
ProLine	PL4210-UV G1	CCD42-10-1-313 back illuminated UV, Fused Silica	65	23682	19735
ProLine	PL4240-AM G1	CCD42-40-1-S04 back illuminated DD Astro Multilayer-2 NIMO	65	68492	57077
ProLine	PL4240-DD G1	CCD42-40-1-169 back illuminated DD NIMO	65	57656	48047
ProLine	PL4240-FI G1	CCD-42-40-1-383 front illuminated	65	35092	29243
ProLine	PL4240-MB G0	CCD42-40-0-368 back illuminated midband	65	53832	44860
ProLine	PL4240-MB G1	CCD42-40-1-368 back illuminated midband	65	50007	41673
ProLine	PL4240-UV G1	CCD42-40-1-075 back illuminated UV, Fused Silica	65	50007	41673
ProLine	PL4710-AM G1	CCD47-10-1-197 BI Astro Multi-2 deep depletion (NIMO)	65	23051	19209
ProLine	PL4710-BB G1	CCD47-10-1-371 broadband	65	20112	16760
ProLine	PL4710-DD G1	CCD47-10-1-109 deep depletion	65	22343	18619
ProLine	PL4710-DD G1	CCD47-10-1-109 deep depletion	65	22343	18619
ProLine	PL4710-FI G1	CCD47-10-1-354 Front illuminated	65	15587	12989
ProLine	PL4710-MB G0	CCD47-10-1-353 midband grade 0	65	21961	18301
ProLine	PL4710-MB G1	CCD47-10-1-353 midband	65	20112	16760
ProLine	PL4710-UV G1	CCD47-10-1-373 UV, Fused Silica	65	20304	16920
ProLine	PL77-FI G1	CCD77-00-1-357 front illuminated	65	14758	12298
ProLine	PL77-MB G1	CCD77-00-1-358 midband	65	17244	14370
ProLine	PL77-UV G1	CCD77-00-1-390 UV, Fused Silica	65	18009	15007
ProLine	PL09000	KAF-09000	65	14312	11927
ProLine	PL1001 G1	KAF-1001E Grade 1	65	15376	12814
ProLine	PL1001 G2	KAF-1001E Grade 2	65	12221	10184
ProLine	PL16801 G1	KAF-16801 Grade 1	65	42874	35729
ProLine	PL16801 G2	KAF-16801 Grade 2	65	34072	28393
ProLine	PL16803	KAF-16803	65	14312	11927

ProLine	PL6303	KAF-6303E Grade 2	65	13037	10864
ProLine	ADT	Addition of Anti-Dew Technology	0	336	280
ProLine	LC DD	Liquid Circulation -- Dry Disconnect	0	712	594
ProLine	LC S	Liquid Circulation -- Standard Barb (up to 75 deg C cooling)	0	585	487
ProLine	NS	No Shutter in Camera that normally includes Shutter (Reduce price by \$400)	0	-498	-415
ProLine	PL 65mm shutter	65mm high speed shutter	65	1566	1305
ProLine	PL 90mm shutter	External 90mm shutter	90	6449	5374
ProLine	PL-AT ZTA	ProLine to Atlas direct ZTA Flange	0	209	174
ProLine	PL-CL ZTA	ProLine to CenterLine direct ZTA Flange	0	209	174
ProLine	Short Cable Kit	12" cable kit (power and USB from ProLine to FLI accessory)	0	113	94
ProLine	Medium Cable Kit	24" cable kit (power and USB from ProLine to FLI accessory)	0	126	105
ProLine	Ex. Trigger Opto	External trigger cable, opto-isolated, mini DIN6 male to bare wires, 9"	0	272	227
ProLine	External Trigger	External trigger cable, mini DIN6 male to mini DIN6 male, 2m	0	139	115
ProLine	23201C	3.9m Extension Cord for Power bricks with 2.4m cord	0	221	185
ProLine	PT-1	48" cable, male connector to camera with open ended wires	0	113	94
ProLine	PS-AU-1.2	Power brick w/ 1.2m cord to camera; 2.4m Australia/China line cord (Type I)	0	202	169
ProLine	PS-AU-2.4	Power brick w/ 2.4m cord to camera; 1.8m Australia/China line cord (Type R)	0	266	222
ProLine	PS-EU-1.2	Power brick w/ 1.2m cord to camera; 2.4m Euro line cord (Type E)	0	202	169
ProLine	PS-EU-2.4	Power brick w/ 2.4m cord to camera; 1.8m Euro line cord (Type C)	0	266	222
ProLine	PS-JA-2.4	PSE Japan Power brick w/ 2.4m cord to camera; 2.5m line cord (Type B)	0	317	264
ProLine	PS-NA-1.2	Power brick w/ 1.2m cord to camera; 1.95m North American line cord (Type B)	0	202	169
ProLine	PS-NA-2.4	Power brick w/ 2.4m cord to camera; 1.8m North American line cord (Type A)	0	266	222
ProLine	PS-UK-1.2	Power brick w/ 1.2m cord to camera; 2.4m UK line (Type G)	0	202	169
ProLine	PS-UK-2.4	Power brick w/ 2.4m cord to camera; 1.8m UK line (Type G)	0	266	222
ProLine	0	*Camera price includes power supply and USB cable.			
ProLine	0	Prices above are for replacements / spares.	0		
MicroLine	ML23042-BB G1	CCD230-42-1-E10 back illuminated broadband with shutter	65	51154	42629
MicroLine	ML23042-FI G1	CCD230-42-1-144 front illuminated with shutter	65	37112	30927
MicroLine	ML23042-MB G1	CCD230-42-1-143 back illuminated midband with shutter	65	51154	42629
MicroLine	ML23042-MB G1 4-channel	CCD230-42-1-143 back illuminated midband with shutter (4 channel)	65	53704	44753
MicroLine	ML23042-MB G1 58mm	CCD230-42-1-143 back illuminated midband with 58mm shutter	58	52429	43691
MicroLine	ML4210-EBB G1	CCD42-10-1-319 BI enhanced broadband with 45mm high speed shutter	45	23873	19894
MicroLine	ML4210-MB G1	CCD42-10-1-970 back illuminated midband with 45mm high speed shutter	45	21642	18035
MicroLine	ML4210-UV G1	CCD42-10-1-313 back illuminated UV (AIMO) with 45mm high speed shutter	45	23044	19204
MicroLine	ML4240-AM G1	CCD42-40-1-504 back illuminated NIMO Astro M2 with 45mm high speed shutter	45	67217	56014
MicroLine	ML4240-DD G1	CCD42-40-1-169 back illuminated DD (NIMO) with 45mm high speed shutter	45	56381	46984
MicroLine	ML4240-FI G1	CCD42-40-1-383 front illuminated with 45mm high speed shutter	45	33179	27649
MicroLine	ML4240-MB G1	CCD42-40-1-368 back illuminated midband with 45mm high speed shutter	45	48095	40079
MicroLine	ML4240-UV G1	CCD42-40-1-075 back illuminated UV (NIMO) with 45mm high speed shutter, Fused Silica	45	48095	40079
MicroLine	ML4710-AM G1	CCD47-10-1-197 BI Astro Multi-2 deep depletion (NIMO) with 45mm high speed shutter	45	21776	18147
MicroLine	ML4710-BB G1	CCD47-10-1-371 BI broadband with 25mm high speed shutter	25	18838	15698
MicroLine	ML4710-DD G1	CCD47-10-1-109 BI deep depletion (NIMO) with 25mm high speed shutter	25	21069	17557
MicroLine	ML4710-MB G1	CCD47-10-0-353 BI midband with 25mm high speed shutter (Grade 0)	25	21387	17823
MicroLine	ML4710-MB G1	CCD47-10-1-353 BI midband with 25mm high speed shutter	25	18838	15698
MicroLine	ML4710-UV G1	CCD47-10-1-373 BI UV with 25mm high speed shutter, Fused Silica	25	19029	15857
MicroLine	ML77-FI G1	CCD77-00-1-357 front illuminated with 25mm high speed shutter	25	14312	11927
MicroLine	ML77-MB G1	CCD77-00-1-358 BI midband with 25mm high speed shutter	25	16607	13839

MicroLine	ML77-UV G1	CCD77-00-1-390 BI UV with 25mm high speed shutter	25	17053	14211
MicroLine	ML4720-BB	CCD47-20-1-331 AIMO back illuminated broadband (no shutter)	None	23873	19894
MicroLine	ML4720-BB 25mm	CCD47-20-1-331 AIMO back illuminated broadband with 25mm shutter	25	24765	20638
MicroLine	ML4720-MB	CCD47-20-1-339 AIMO back illuminated midband (no shutter)	None	23873	19894
MicroLine	ML4720-MB 25mm	CCD47-20-1-339 AIMO back illuminated midband with 25mm shutter	25	24702	20585
MicroLine	ML4720-UV	CCD47-20-1-170 NIMO back illuminated UV (no shutter)	None	26423	22019
MicroLine	ML4720-UV 25mm	CCD47-20-1-170 NIMO back illuminated UV with 25mm shutter	25	27315	22763
MicroLine	MLx285	Sony ICX285 (no shutter)	None	6663	5552
MicroLine	MLx285 25mm	Sony ICX285 with 25mm shutter	25	7555	6296
MicroLine	MLx695	Sony ICX695 (no shutter)	None	7260	6050
MicroLine	MLx695 25mm	Sony ICX695 with 25mm shutter	25	8448	7040
MicroLine	0	Minimum Order Quantities (MOQ) apply to the MLx674 and MLx814			
MicroLine	MLx674	Sony ICX674 (no shutter) (MOQ 20)	None	6153	5128
MicroLine	MLx674 25mm	Sony ICX674 with 25mm shutter (MOQ 20)	25	7045	5871
MicroLine	MLx814	Sony ICX814 (no shutter) (MOQ 20)	None	7045	5871
MicroLine	MLx814 25mm	Sony ICX814 with 25mm shutter (MOQ 20)	25	7938	6615
MicroLine	ML1050	KAI-01050 (no shutter)	None	5133	4278
MicroLine	ML1050 25mm	KAI-01050 with 25mm shutter	25	6026	5021
MicroLine	ML11002 G0	KAI-11002 Grade 0 Sensor (no shutter)	None	15816	13180
MicroLine	ML11002 G0 65mm	KAI-11002 Grade 0 Sensor with shutter	65	17301	14418
MicroLine	ML11002 G1	KAI-11002 Grade 1 Sensor (no shutter)	None	11762	9802
MicroLine	ML11002 G1 65mm	KAI-11002 Grade 1 Sensor with shutter	65	13247	11040
MicroLine	ML11002 G2	KAI-11002 Grade 2 Sensor (no shutter)	None	9213	7677
MicroLine	ML11002 G2 65mm	KAI-11002 Grade 2 Sensor with shutter	65	10698	8915
MicroLine	ML16000 G1	KAI-16000 Grade 1 Sensor (no shutter)	None	13420	11183
MicroLine	ML16000 G1 65mm	KAI-16000 Grade 1 Sensor with shutter	65	14905	12421
MicroLine	ML16000 G2	KAI-16000 Grade 2 Sensor (no shutter)	None	11354	9462
MicroLine	ML16000 G2 65mm	KAI-16000 Grade 2 Sensor with shutter	65	12839	10700
MicroLine	ML16050 G1	KAI-16050 Grade 1 Sensor (no shutter)	None	12215	10179
MicroLine	ML16050 G1 45mm	KAI-16050 Grade 1 Sensor with 45mm shutter	45	13426	11188
MicroLine	ML16050 G2	KAI-16050 Grade 2 Sensor (no shutter)	None	9978	8315
MicroLine	ML16050 G2 45mm	KAI-16050 Grade 2 Sensor with 45mm shutter	45	11189	9324
MicroLine	ML16070 G1	KAI-16070 Grade 1 Sensor (No shutter)	None	16307	13589
MicroLine	ML16070 G1 65mm	KAI-16070 Grade 1 Sensor with shutter	65	17792	14827
MicroLine	ML16070 G2	KAI-16070 Grade 2 Sensor (No shutter)	None	12782	10652
MicroLine	ML16070 G2 65mm	KAI-16070 Grade 2 Sensor with shutter	65	14267	11889
MicroLine	ML2020	KAI-2020 (no shutter)	None	6319	5266
MicroLine	ML2020 25mm	KAI-2020 with 25mm shutter	25	7211	6009
MicroLine	ML29050 G1	KAI-29050 Grade 1 Sensor (no shutter)	None	16224	13520
MicroLine	ML29050 G1 65mm	KAI-29050 Grade 1 Sensor with shutter	65	17709	14758
MicroLine	ML29050 G2	KAI-29050 Grade 2 Sensor (no shutter)	None	12661	10551
MicroLine	ML29050 G2 65mm	KAI-29050 Grade 2 Sensor with 65mm shutter	65	14146	11788
MicroLine	ML29052 G1	KAI-29052 Grade 1 Sensor (no shutter)	None	17818	14848
MicroLine	ML29052 G1 65mm	KAI-29052 Grade 1 Sensor with 65mm shutter	65	19303	16086
MicroLine	ML29052 G2	KAI-29052 Grade 2 Sensor (no shutter)	None	13808	11507
MicroLine	ML29052 G2 65mm	KAI-29052 Grade 2 Sensor with 65mm shutter	65	15294	12745
MicroLine	ML4022	KAI-4022 (no shutter)	None	7300	6084

MicroLine	ML4022 25mm	KAI-4022 with 25mm shutter	25	8193	6827
MicroLine	ML4050	KAI-04050 (no shutter)	None	6153	5128
MicroLine	ML4050 25mm	KAI-04050 with 25mm shutter	25	7045	5871
MicroLine	ML4070	KAI-04070 (no shutter)	None	7300	6084
MicroLine	ML4070 25mm	KAI-04070 25mm	25	8193	6827
MicroLine	ML43140 G1	KAI-43140 Grade 1 sensor (no shutter)	None	18251	15209
MicroLine	ML43140 G1 65mm	KAI-43140 Grade 1 sensor with 65mm shutter	65	19736	16447
MicroLine	ML43140 G2	KAI-43140 Grade 2 sensor (no shutter)	None	15587	12989
MicroLine	ML43140 G2	KAI-43140 Grade 2 sensor with 65mm shutter	65	17072	14227
MicroLine	ML8050	KAI-08050 (no shutter)	None	6663	5552
MicroLine	ML8051	KAI-08051 (no shutter)	None	6663	5552
MicroLine	ML8051 25mm	KAI-08051 with 25mm shutter	25	7555	6296
MicroLine	ML8051 45mm	KAI-08051 with 45mm shutter	45	7874	6562
MicroLine	ML8052	KAI-08052 (no shutter)	None	6988	5823
MicroLine	ML8052 25mm	KAI-08052 with 25mm shutter	25	7880	6567
MicroLine	ML8052 45mm	KAI-08052 with 45mm shutter	45	8199	6833
MicroLine	ML8670 G1	KAI-08670 Grade 1	None	13037	10864
MicroLine	ML8670 G1 45mm	KAI-08670 Grade 1 with 45mm shutter	45	14248	11873
MicroLine	ML8670 G2	KAI-08670 Grade 2	None	10487	8740
MicroLine	ML8670 G2 45mm	KAI-08670 Grade 2 with 45mm shutter	45	11699	9749
MicroLine	ML09000	KAF-09000 with 65mm Shutter	65	14312	11927
MicroLine	ML1001 G1	KAF-1001 Grade 1 with 45mm shutter	45	14739	12282
MicroLine	ML1001 G2	KAF-1001 Grade 2 with 45mm shutter	45	10615	8846
MicroLine	ML1603 G2	KAF-1603 Grade 2 with 25mm high speed shutter	25	7938	6615
MicroLine	ML16200 G1	KAF-16200 Grade 1	45	9850	8208
MicroLine	ML16200 G1 ADT	KAF-16200 Grade 1 with ADT and shutter	65	10379	8649
MicroLine	ML16200 G2	KAF-16200 Grade 2	45	8575	7146
MicroLine	ML16200 G2 ADT	KAF-16200 Grade 2 with ADT and shutter	65	9104	7587
MicroLine	ML16803	KAF-16803 with 65mm Shutter	65	14312	11927
MicroLine	ML3200	KAF-3200 Grade 2 with 25mm high speed shutter	25	13037	10864
MicroLine	ML402 G1	KAF-0402 Grade 1 with 25mm high speed shutter	25	5465	4554
MicroLine	ML402 G2	KAF-0402 Grade 2 with 25mm high speed shutter	25	5388	4490
MicroLine	ML50100	KAF-50100 with 65mm shutter	65	20686	17238
MicroLine	ML6303	KAF-6303 with 45mm high speed shutter	45	12400	10333
MicroLine	ML8300	KAF-8300 Monochrome with 45mm high speed shutter	45	5720	4766
MicroLine	ADT	Addition of Anti-Dew Technology	0	403	335
MicroLine	LC DD	Liquid Cooling - Dry Disconnect	0	779	649
MicroLine	LC S	Liquid Cooling - Barbed Connectors	0	651	543
MicroLine	ML 25mm shutter	25mm high speed shutter	25	1040	867
MicroLine	ML 45mm shutter	45mm high speed shutter	45	1359	1132
MicroLine	ML 65mm shutter	65mm high speed shutter	65	1633	1361
MicroLine	Ex. Trigger Opto	External trigger cable, opto-isolated, mini DIN6 male to bare wires, 9"	0	272	227
MicroLine	External Trigger	External trigger cable, mini DIN6 male to mini DIN6 male, 2m	0	139	115
MicroLine	23201C	3.9m Extension Cord for Power bricks with 2.4m cord	0	221	185
MicroLine	PT-1	48" cable, male power connector to camera with open ended wires	0	113	94
MicroLine	Copper Heatsink	Upgrade from Aluminum to Copper Heatsink	0	400	333
MicroLine	PS-AU-1.2	Power brick w/ 1.2m cord to camera; 2.4m Australia/China line cord (Type I)	0	202	169

MicroLine	PS-AU-2.4	Power brick w/ 2.4m cord to camera; 1.8m Australia/China line cord (Type R)	0	266	222
MicroLine	PS-EU-1.2	Power brick w/ 1.2m cord to camera; 2.4m Euro line cord (Type E)	0	202	169
MicroLine	PS-EU-2.4	Power brick w/ 2.4m cord to camera; 1.8m Euro line cord (Type C)	0	266	222
MicroLine	PS-JA-2.4	PSE Japan Power brick w/ 2.4m cord to camera; 2.5m line cord (Type B)	0	317	264
MicroLine	PS-NA-1.2	Power brick w/ 1.2m cord to camera; 1.95m North American line cord (Type B)	0	202	169
MicroLine	PS-NA-2.4	Power brick w/ 2.4m cord to camera; 1.8m North American line cord (Type A)	0	266	222
MicroLine	PS-UK-1.2	Power brick w/ 1.2m cord to camera; 2.4m UK line (Type G)	0	202	169
MicroLine	PS-UK-2.4	Power brick w/ 2.4m cord to camera; 2.4m UK line (Type G)	0	266	222
MicroLine	0	*Camera prices include power supply and USB cable.			
MicroLine	0	Prices above are for replacements / spares.			
Hyperion	HP4710-0-MB	CCD47-10-0-353 midband with 25mm shutter (Grade 0)	25	21770	18141
Hyperion	HP4710-BB G1	CCD47-10-1-371 broadband with 25mm shutter	25	19220	16017
Hyperion	HP4710-DD G1	CCD47-10-1-109 deep depletion with 25mm shutter	25	21451	17876
Hyperion	HP4710-MB G1	CCD47-10-1-353 midband with 25mm shutter	25	19220	16017
Hyperion	HP4710-UV G1	CCD47-10-1-373 UV with 25mm shutter	25	19411	16176
Hyperion	HP77-FI G1	CCD77-00-1-357 front illuminated wwith 25mm shutter	25	14694	12245
Hyperion	HP77-MB G1	CCD77-00-1-358 midband with 25mm shutter	25	16989	14158
Hyperion	HP77-UV G1	CCD77-00-1-390 UV with 25mm shutter	25	17435	14529
Hyperion	HPx285	Sony ICX285AL monochrome sensor (no shutter)	None	7045	5871
Hyperion	HPx695	Sony ICX695ALG monochrome sensor (no shutter)	None	7938	6615
Hyperion	HP2020	KAI-2020 (no shutter)	None	6701	5584
Hyperion	HP4022	KAI-4022 (no shutter)	None	7683	6402
Hyperion	HP8051	KAI-08051 (no shutter)	None	7045	5871
Hyperion	HP8300	KAF-8300 Monochrome with 45mm high speed shutter	45	6102	5085
Hyperion	ADT	Addition of Anti-Dew Technology	0	403	335
Hyperion	LC DD	Liquid Cooling - Dry Disconnect	0	779	649
Hyperion	LC S	Liquid Cooling - Barbed Connectors	0	651	543
Hyperion	HP 25mm shutter	25mm high speed shutter	25	1040	867
Hyperion	HP 45mm shutter	45mm high speed shutter	45	1359	1132
Hyperion	Ex. Trigger Opto	External trigger cable, opto-isolated, mini DIN6 male to bare wires, 9"	0	339	282
Hyperion	External Trigger	External trigger cable, mini DIN6 male to mini DIN6 male, 2m	0	205	171
Hyperion	23201C	3.9m Extension Cord for Power bricks with 2.4m cord	0	288	240
Hyperion	PS-AU-1.2	Power brick w/ 1.2m cord to camera; 2.4m Australia/China line cord (Type I)	0	269	224
Hyperion	PS-AU-2.4	Power brick w/ 2.4m cord to camera; 1.8m Australia/China line cord (Type R)	0	332	277
Hyperion	PS-EU-1.2	Power brick w/ 1.2m cord to camera; 2.4m Euro line cord (Type E)	0	269	224
Hyperion	PS-EU-2.4	Power brick w/ 2.4m cord to camera; 1.8m Euro line cord (Type C)	0	332	277
Hyperion	PS-JA-2.4	PSE Japan Power brick w/ 2.4m cord to camera; 2.5m line cord (Type B)	0	383	320
Hyperion	PS-NA-1.2	Power brick w/ 1.2m cord to camera; 1.95m NA line cord (Type B)	0	269	224
Hyperion	PS-NA-2.4	Power brick w/ 2.4m cord to camera; 1.8m North American line cord (Type A)	0	332	277
Hyperion	PS-UK-1.2	Power brick w/ 1.2m cord to camera; 2.4m UK line (Type G)	0	269	224
Hyperion	PS-UK-2.4	Power brick w/ 2.4m cord to camera; 2.4m UK line (Type G)	0	332	277
Hyperion	PT-1	48" cable, male connector to camera with open ended wires	0	179	150
Hyperion	0	*Camera price includes power supply and USB cable.			
Hyperion	0	Prices above are for replacements / spares.			
CFW	CFW1-5	5 position CFW (for 2" or 50mm diameter filters)	0	1289	1074
CFW	CFW1-8-25	8 position CFW (for 1" or 25mm diameter filters)	0	1289	1074
CFW	CFW1-8-28	8 position CFW (for 28mm diameter filters)	0	1436	1197

CFW	CFW2-7	7 position CFW (for 2" or 50mm diameter filters)	0	1946	1622
CFW	CFW3-10	10 position CFW (for 50mm square filters)	0	2838	2365
CFW	CFW3-12	12 position CFW (for 2" or 50mm diameter filters)	0	2838	2365
CFW	CFW3-20-25	20 position CFW (for 1" or 25mm diameter filters)	0	2838	2365
CFW	CFW3-20-28	20 position CFW (for 28mm diameter filters)	0	2838	2365
CFW	CFW4-5	5 position CFW (for 50mm square filters)	0	2201	1834
CFW	CFW5-7	7 position CFW (for 50mm square filters)	0	2456	2047
CFW	CFW9-5	5 position CFW (for 65mm square filters)	0	2838	2365
CFW	CFW10-7	7 position CFW (for 65mm square filters)	0	3858	3215
CFW	CFW14-5	5 position CFW (for 76mm square filters)	0	8263	6886
CFW	CL-1-10	10 position CFW (for 50mm square filters)	0	3476	2897
CFW	CL-1-14	14 position CFW (for 50mm diameter filters)	0	3476	2897
CFW	CL-1-20	20 position CFW (for 25mm diameter filters)	0	3476	2897
CFW	Signa-550	High Speed Filter Wheel - 5 x 50mm filters	0	2171	1809
CFW	Signa-625	High Speed Filter Wheel - 6 x 25mm or 1" filters	0	2171	1809
CFW	Signa-632	High Speed Filter Wheel - 6 x 32mm filters	0	2171	1809
CFW	Signa-1025	High Speed Filter Wheel - 10 x 25mm or 1" filters	0	2171	1809
CFW	Signa-1032	High Speed Filter Wheel - 10 x 32mm filters	0	2171	1809
CFW	HS-625	High Speed Filter Wheel - 6 x 25mm filters	0	3765	3137
CFW	HS-625 Angled Pockets	High Speed Filter Wheel - 6 x 25mm filters - Angled Pockets	0	3765	3138
CFW	HS-625 TTL	High Speed Filter Wheel - 6 x 25mm filters with TTL Manual Trigger	0	4634	3861
CFW	HS-625 TTL w/ Angled Pockets	High Speed Filter Wheel - 6 x 25mm filters - TTL manual trigger - Angled Pockets	0	4634	3862
CFW	HS-632 TTL	High Speed Filter Wheel - 6 x 32mm filters with TTL Manual Trigger	0	4634	3861
CFW	HS-1025	High Speed Filter Wheel - 10 x 25mm filters	0	4054	3379
CFW	HS-1032	High Speed Filter Wheel - 10 x 32mm filters	0	4054	3379
CFW	Incite	Incite Cube Switcher	0	5731	4776
CFW	Short Cable Kit	12" cable kit (power and USB from ProLine to FLI accessory)	0	113	94
CFW	Medium Cable Kit	24" cable kit (power and USB from ProLine to FLI accessory)	0	126	105
CFW	PS-AC	Power supply unit for Atlas, PDF, Color filter wheels (not HS)	0	113	94
Focuser	Atlas	Atlas Digital Focuser (95.25mm Aperture)	0	3476	2897
Focuser	PDF	Precision Digital Focuser (85mm Aperture)	0	2144	1786
Focuser	Short Cable Kit	12" cable kit (power and USB from ProLine to FLI accessory)	0	113	94
Focuser	Medium Cable Kit	24" cable kit (power and USB from ProLine to FLI accessory)	0	126	105
Focuser	PS-AC	Power supply unit for Atlas, PDF, Color filter wheels (not HS)	0	113	94
Adapter	10043A	Adapter, 3" external thread to 2" internal thread (for CFW3/4/5 and AD22)	0	177	147
Adapter	DT-1	2-inch Draw Tube (included with CFW1 or CFW2)	0	145	121
Adapter	AD-AP	Universal Adapter for DF-2 with 2" brass locking ring	0	241	200
Adapter	AD-CAP	Threaded aperture cap for MicroLine and ProLine	0	145	121
Adapter	AD1	CFW / DF-2 Adapter to 2 inch SC thread	0	209	174
Adapter	AD2	CFW / DF-2 Adapter to T-thread (camera/pocket side)	0	209	174
Adapter	AD3	External 2" SC thread to internal M42 T-thread	0	145	121
Adapter	AD4	External 2" SC thread to internal C-mount	0	158	131
Adapter	AD5	External 2" SC thread to internal M42 T-thread with flange on edge	0	158	131
Adapter	AD7	CFW3, 4, 5 (3" 24) to PDF dovetail male	0	241	200
Adapter	AD8	ProGuider to 3"-24 external thread (2.75" internal thread)	0	209	174
Adapter	AD8L	ProGuider adapter to 3" - 24 external thread (Long)	0	209	174
Adapter	AD11	Adapter for CFW and DF to STL	0	215	179

Adapter	AD12	Adapter for PDF focuser to STL	0	272	227
Adapter	AD13	Adapter for PDF focuser to 2"-24 external thread (SC)	0	330	275
Adapter	AD14	Takahashi 88mm dovetail (male) for PDF	0	368	307
Adapter	AD15	Takahashi adapter for FSQ-106, Mates with AD-14, AD-25	0	368	307
Adapter	AD16	PDF Adapter to internal M42 T-thread	0	330	275
Adapter	AD17	Universal Adapter for PDF with 2" brass locking ring	0	241	200
Adapter	AD18	PDF Adapter to STL and Takahashi Reducer or Flattener	0	272	227
Adapter	AD20	PDF Adapter to 2"-24 SC internal Thread (Nosepieces, etc)	0	215	179
Adapter	AD21	ProLine / ML65 Nikon Lens Adapter	0	304	254
Adapter	AD22	ProLine / CFW1 or CFW2 / Nikon Adapter (for CFW3-4-5, add 10043A above)	0	304	254
Adapter	AD23	ProLine to PDF Adapter	0	272	227
Adapter	AD26	CFW-4-5 to Takahashi 88mm dovetail (male)	0	241	200
Adapter	AD27	MicroLine with short back focal distance to Nikon lens Adapter	0	304	254
Adapter	AD28	ProLine or MicroLine (65mm Shutter) to 2" Draw Tube	0	215	179
Adapter	AD30	ProLine or MicroLine (65mm Shutter) to internal M42 T-thread	0	209	174
Adapter	AD32	ProLine to Canon FD	0	304	254
Adapter	AD33	ProLine, CFW3-4-5 to Canon EOS Lens	0	336	280
Adapter	AD34	ProLine, CFW3-4-5 to Canon FD Lens	0	464	386
Adapter	AD37	CFW3-4-5 to TeleVue NP127IS	0	457	381
Adapter	AD38	Tripod mount for ML w/ 65mm shutter	0	209	174
Adapter	AD39	PDF to Meade LX200	0	457	381
Adapter	AD40	ProLine to CFW6	0	304	254
Adapter	AD41	CFW dovetail to C-mount male	0	215	179
Adapter	AD42	MicroLine (short BFD) + CFW1 or CFW2 to Nikon lens	0	304	254
Adapter	AD43	PL or ML 65mm nose piece to 2"-24 internal SC thread	0	330	275
Adapter	AD45	CFW3-4-5 to Astro-Physics 2.7" male	0	234	195
Adapter	AD47	ProLine or MicroLine 65mm to Canon EOS Lens Adapter	0	330	275
Adapter	AD47L	MicroLine with short BFD to Canon EOS Lens	0	330	275
Adapter	AD49	MicroLine with M42 thread to C-mount internal thread	0	158	131
Adapter	AD50	External C-mount to external C-mount	0	177	147
Adapter	AD51	CFW 1 and 2 to Atlas or MicroLine with 2"-24 thread to Atlas	0	309	258
Adapter	AD52	CFW3, 4, 5 (3"-24) to Atlas	0	309	258
Adapter	AD53	88mm Takahashi dovetail, Astro-Physics (female) to Atlas	0	309	258
Adapter	AD54	Takahashi FSQ106 to Atlas (92mm x 1.0 female)	0	309	258
Adapter	AD55	Takahashi 92mm x 1.0 male to Atlas ZTA male	0	309	258
Adapter	AD56	Takahashi 72mm x 1.0 female to Atlas	0	309	258
Adapter	AD57	Takahashi FSQ85 to Atlas (72mm x 1.0 male)	0	309	258
Adapter	AD58	Astro-Physics 2.7" 24TPI male to Atlas	0	309	258
Adapter	AD59	Atlas to Canon EOS lens	0	457	381
Adapter	AD60	Atlas to Proline	0	330	275
Adapter	AD62	CenterLine to Atlas	0	309	258
Adapter	AD70	CenterLine to ProLine or MicroLine with 65mm shutter (2.55"-24)	0	309	258
Adapter	AD71	CenterLine to MicroLine 25 or 45 (2"-24)	0	309	258
Adapter	AD72	CenterLine ZTA to 3" 24-tpi internal thread	0	309	258
Adapter	AD72	CenterLine ZTA to 3" 24-tpi internal thread	0	309	258
Adapter	AD72	CL Zero Tilt Adapter to 3"-24 female thread	0	309	258
Adapter	AD100	CFW9/10 92mm x 1.0 male to Atlas ZTA male	0	246	205

Adapter	AD101	ML (short BFD) to CFW1 to Canon EOS lens adapter	0	304	254
Filter	RG 28D LRGB	FLI Research Grade 28mm Diameter LRGB filters	0	636	530
Filter	RG 28D Red	FLI Research Grade 28mm Diameter Red filter	0	228	190
Filter	RG 28D Green	FLI Research Grade 28mm Diameter Green Filter	0	228	190
Filter	RG 28D Blue	FLI Research Grade 28mm Diameter Blue filter	0	228	190
Filter	RG 28D L	FLI Research Grade 28mm Diameter Luminance filter	0	241	200
Filter	RG 28D C	FLI Research Grade 28mm Diameter Clear filter	0	190	158
Filter	RG 28D Ha (8nm)	FLI Research Grade 28mm Diameter H-alpha 8 nm	0	432	360
Filter	RG 28D SII (8nm)	FLI Research Grade 28mm Diameter SII 8 nm	0	432	360
Filter	RG 28D OIII (8nm)	FLI Research Grade 28mm Diameter OIII 8 nm	0	432	360
Filter	RG 28D Ha (5nm)	FLI Research Grade 28mm Diameter H-alpha 5 nm	0	668	556
Filter	RG 28D SII (5nm)	FLI Research Grade 28mm Diameter SII 5 nm	0	668	556
Filter	RG 28D OIII (5nm)	FLI Research Grade 28mm Diameter OIII 5 nm	0	668	556
Filter	RG 28D Ha (3nm)	FLI Research Grade 28mm Diameter H-alpha 3 nm	0	699	583
Filter	RG 28D SII (3nm)	FLI Research Grade 28mm Diameter SII 3 nm	0	699	583
Filter	RG 28D OIII (3nm)	FLI Research Grade 28mm Diameter OIII 3 nm	0	699	583
Filter	RG 28D UBVRT	FLI Research Grade 28mm Diameter UBVRT filters	0	1356	1130
Filter	RG 28D U	FLI Research Grade 28mm Diameter Bessell U filter	0	336	280
Filter	RG 28D B	FLI Research Grade 28mm Diameter Bessell B filter	0	336	280
Filter	RG 28D V	FLI Research Grade 28mm Diameter Bessell V filter	0	336	280
Filter	RG 28D R	FLI Research Grade 28mm Diameter Bessell R filter	0	336	280
Filter	RG 28D I	FLI Research Grade 28mm Diameter Bessell I filter	0	336	280
Filter	RG 28D ugriz	FLI Research Grade 28mm Diameter SDSS u',g',r',i',z' filters	0	1356	1130
Filter	RG 28D u'	FLI Research Grade 28mm Diameter SDSS u' filter	0	336	280
Filter	RG 28D g'	FLI Research Grade 28mm Diameter SDSS g' filter	0	336	280
Filter	RG 28D r'	FLI Research Grade 28mm Diameter SDSS r' filter	0	336	280
Filter	RG 28D i'	FLI Research Grade 28mm Diameter SDSS i' filter	0	336	280
Filter	RG 28D z'	FLI Research Grade 28mm Diameter SDSS z' filter	0	336	280
Filter	RG 50D LRGB	FLI Research Grade 50mm Diameter LRGB filters	0	1197	997
Filter	RG 50D Red	FLI Research Grade 50mm Diameter Red filter	0	374	312
Filter	RG 50D Green	FLI Research Grade 50mm Diameter Green Filter	0	374	312
Filter	RG 50D Blue	FLI Research Grade 50mm Diameter Blue filter	0	374	312
Filter	RG 50D Lum	FLI Research Grade 50mm Diameter Luminance IR	0	374	312
Filter	RG 50D Clear	FLI Research Grade 50mm Diameter Clear	0	292	243
Filter	RG 50D Ha (8nm)	FLI Research Grade 50mm Diameter H-alpha 8 nm	0	728	606
Filter	RG 50D SII (8nm)	FLI Research Grade 50mm Diameter SII 8 nm	0	728	606
Filter	RG 50D OIII (8nm)	FLI Research Grade 50mm Diameter OIII 8 nm	0	728	606
Filter	RG 50D Ha (5nm)	FLI Research Grade 50mm Diameter H-alpha 5 nm	0	1072	893
Filter	RG 50D SII (5nm)	FLI Research Grade 50mm Diameter SII 5 nm	0	1072	893
Filter	RG 50D OIII (5nm)	FLI Research Grade 50mm Diameter OIII 5 nm	0	1072	893
Filter	RG 50D Ha (3nm)	FLI Research Grade 50mm Diameter H-alpha 3 nm	0	1116	930
Filter	RG 50D SII (3nm)	FLI Research Grade 50mm Diameter SII 3 nm	0	1116	930
Filter	RG 50D OIII (3nm)	FLI Research Grade 50mm Diameter OIII 3 nm	0	1116	930
Filter	RG 50D UBVRT	FLI Research Grade 50mm Diameter Bessell UBVRT filters	0	2697	2248
Filter	RG 50D U	FLI Research Grade 50mm Diameter Bessell U filter	0	658	548
Filter	RG 50D B	FLI Research Grade 50mm Diameter Bessell B filter	0	658	548
Filter	RG 50D V	FLI Research Grade 50mm Diameter Bessell V filter	0	658	548

Filter	RG 50D R	FLI Research Grade 50mm Diameter Bessell R filter	0	658	548
Filter	RG 50D I	FLI Research Grade 50mm Diameter Bessell I filter	0	658	548
Filter	RG 50D ugriz	FLI Research Grade 50mm Diameter SDSS u',g',r',i',z' filters	0	2697	2248
Filter	RG 50D u'	FLI Research Grade 50mm Diameter SDSS u' filter	0	658	548
Filter	RG 50D g'	FLI Research Grade 50mm Diameter SDSS g' filter	0	658	548
Filter	RG 50D r'	FLI Research Grade 50mm Diameter SDSS r' filter	0	658	548
Filter	RG 50D i'	FLI Research Grade 50mm Diameter SDSS i' filter	0	658	548
Filter	RG 50D z'	FLI Research Grade 50mm Diameter SDSS z' filter	0	658	548
Filter	RG 50S LRGB	FLI Research Grade 50mm Square LRGB filters	0	1531	1276
Filter	RG 50S Red	FLI Research Grade 50mm Square Red filter	0	445	370
Filter	RG 50S Green	FLI Research Grade 50mm Square Green Filter	0	445	370
Filter	RG 50S Blue	FLI Research Grade 50mm Square Blue filter	0	445	370
Filter	RG 50S Lum	FLI Research Grade 50mm Square Luminance IR	0	445	370
Filter	RG 50S Clear	FLI Research Grade 50mm Square Clear	0	317	264
Filter	RG 50S Ha (8nm)	FLI Research Grade 50mm Square H-alpha 8 nm	0	740	617
Filter	RG 50S SII (8nm)	FLI Research Grade 50mm Square Sulfur II 8 nm	0	740	617
Filter	RG 50S OIII (8nm)	FLI Research Grade 50mm Square Oxygen III 8 nm	0	740	617
Filter	RG 50S Ha (5nm)	FLI Research Grade 50mm Square H-alpha 5 nm	0	1072	893
Filter	RG 50S SII (5nm)	FLI Research Grade 50mm Square SII 5 nm	0	1072	893
Filter	RG 50S OIII (5nm)	FLI Research Grade 50mm Square OIII 5 nm	0	1072	893
Filter	RG 50S Ha (3nm)	FLI Research Grade 50mm Square H-alpha 3 nm	0	1116	930
Filter	RG 50S SII (3nm)	FLI Research Grade 50mm Square Sulfur II 3 nm	0	1116	930
Filter	RG 50S OIII (3nm)	FLI Research Grade 50mm Square Oxygen III 3 nm	0	1116	930
Filter	RG 50S UBVRl	FLI Research Grade 50mm Square UBVRl	0	2952	2460
Filter	RG 50S U	FLI Research Grade 50mm Square Bessell U filter	0	709	590
Filter	RG 50S B	FLI Research Grade 50mm Square Bessell B filter	0	709	590
Filter	RG 50S V	FLI Research Grade 50mm Square Bessell V filter	0	709	590
Filter	RG 50S R	FLI Research Grade 50mm Square Bessell R filter	0	709	590
Filter	RG 50S I	FLI Research Grade 50mm Square Bessell I filter	0	709	590
Filter	RG 50S ugriz	FLI Research Grade 50mm Square SDSS u',g',r',i',z' filters	0	2952	2460
Filter	RG 50S u'	FLI Research Grade 50mm Square SDSS u' filter	0	709	590
Filter	RG 50S g'	FLI Research Grade 50mm Square SDSS g' filter	0	709	590
Filter	RG 50S r'	FLI Research Grade 50mm Square SDSS r' filter	0	709	590
Filter	RG 50S i'	FLI Research Grade 50mm Square SDSS i' filter	0	709	590
Filter	RG 50S z'	FLI Research Grade 50mm Square SDSS z' filter	0	709	590
Filter	RG 65S LRGB	FLI Research Grade 65mm Square LRGB	0	3456	2880
Filter	RG 65S Red	FLI Research Grade 65mm Square Red filter	0	1034	861
Filter	RG 65S Green	FLI Research Grade 65mm Square Green Filter	0	1034	861
Filter	RG 65S Blue	FLI Research Grade 65mm Square Blue filter	0	1034	861
Filter	RG 65S Lum	FLI Research Grade 65mm Square Luminance IR	0	1034	861
Filter	RG 65S Clear	FLI Research Grade 65mm Square AR Coated Clear	0	626	521
Filter	RG 65S Ha (8nm)	FLI Research Grade 65mm Square H-alpha 8 nm	0	1314	1095
Filter	RG 65S SII (8nm)	FLI Research Grade 65mm Square Sulfur II 8 nm	0	1314	1095
Filter	RG 65S OIII (8nm)	FLI Research Grade 65mm Square Oxygen III 8 nm	0	1314	1095
Filter	RG 65S Ha (5nm)	FLI Research Grade 65mm Square H-alpha 5 nm	0	1671	1393
Filter	RG 65S SII (5nm)	FLI Research Grade 65mm Square Sulfur II 5 nm	0	1671	1393
Filter	RG 65S OIII (5nm)	FLI Research Grade 65mm Square Oxygen III 5 nm	0	1671	1393

Filter	RG 65S Ha (3nm)	FLI Research Grade 65mm Square H-alpha 3 nm	0	1741	1451
Filter	RG 65S SII (3nm)	FLI Research Grade 65mm Square Sulfur II 3 nm	0	1741	1451
Filter	RG 65S OIII (3nm)	FLI Research Grade 65mm Square Oxygen III 3 nm	0	1741	1451
Filter	RG 65S Hb (5.8nm)	FLI Research Grade 65mm Square H-beta 5.8 nm	0	1486	1238