

I  **NODES**
IMAGING TECHNOLOGY
ATOMAS SERIES

SUPPORTED SENSORS AND FEATURES

Document Version 1.0.

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Document History

Version	Date	By	Comment
1.0	December 14 th 2018	Sylvain Duguay	<ul style="list-style-type: none">• First internal release of the guide

List of supported sensors per product

Sensor	Micro	Micro-HTC	Mini-LVDS-HTC	Mini-LVDS rev 100 & 110	Mini-LVDS rev 120 and later	Dual DC0 - Primary Input	Dual DC0 - Secondary Input
FCB-EH6300				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EH6500				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EH3150				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EV5300				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EV5500				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EV7100				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EV7500				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EV7520				4.8.6.18	4.8.6.18	5.9.3.0	
FCB-EV7520A				5.9.3.0	5.9.3.0	5.9.3.0	
FCB-MA130	4.8.6.12						
FCB-MA132	4.8.6.12						
FCB-MA133	4.8.6.12						
Kt1080	4.8.6.12						
XBC-KZ10				4.8.6.18	4.8.6.18		
ATC-HZ7833				4.8.6.18	4.8.6.18		
MP1010M					4.8.6.18		
DI-SC120R		4.8.6.12					
DI-SC210			4.8.6.18				
DI-SC233			4.8.6.18				
DDC-750		4.8.6.12					
DDC-740		4.8.6.12					
BOSON-320 ¹							5.9.3.0
BOSON-640 ¹							5.9.3.0

¹ The 60Hz variant

The version represents the minimum ATOMAS firmware version.

Features supported per sensor

1. SNIPC-5450
2. Sony FCB-EH6300
3. Sony FCB-EH6500
4. Sony FCB-H11
5. Sony FCB-EH3150
6. Sony FCB-EV7100
7. Sony FCB-EV5500
8. Sony FCB-EV7500
9. Sony FCB-MA130
10. Sony FCB-MA132
11. Sony FCB-EV7520
12. Sony FCB-EV5300
13. Hitachi DISC-120R
14. Custom
15. KTNC-XBCKZ10
16. TAMRON-MP1010M
17. Boson 320
18. Boson 640
19. KT1080
20. KTNC-ATC-KZ7833
21. Sony FCB-EV7520A

Features	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Auto Focus		x	x	x	x	x	x	x			x	x	x		x	x				x	x
Auto ICR		x	x	x	x	x	x	x			x	x			x					x	x
Auto ICR Threshold		x	x	x	x	x	x	x			x	x	x		x					x	x
Automatic Exposure		x	x	x	x	x	x	x	x	x	x	x	x		x	x			x	x	x
Bright Level		x	x	x	x	x	x	x			x	x			x					x	
Bright Suppression	x																				
Color Gain		x	x	x	x	x	x	x			x	x			x	x				x	x
Color Lut																	x	x			
Current Digital Zoom Level		x	x	x	x	x	x	x			x	x	x		x					x	x
Current Focus Level		x	x	x	x	x	x	x	x		x	x	x		x	x				x	x
Current Iris Level		x	x	x	x	x	x	x			x	x			x	x				x	x
Current Zoom Level		x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x
Day Night	x																				
Day Night Gain 1	x																				
Day Night Gain 2	x																				
Day Night Mode																				x	
Defog						x	x	x			x	x	x			x				x	x
Detail Enhancement	x																				
Digital Zoom Enable	x	x	x	x	x	x	x	x			x	x	x		x					x	x
Exposure													x								
Gain Level		x	x	x	x	x	x	x	x	x	x	x			x	x			x	x	x
Gain Limit		x	x	x	x	x	x	x	x	x	x	x			x	x			x	x	x
High Sensitivity		x	x	x	x	x	x	x			x	x	x		x					x	x
ICR		x	x	x	x	x	x	x			x	x	x		x					x	
Image Stabilization			x					x	x	x	x	x				x			x		x
Mirror	x	x	x		x	x	x	x	x	x	x	x	x		x				x	x	x
Noise Reduction						x	x	x			x	x			x	x				x	x

Features	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Sensor Detection		x	x		x	x	x	x	x	x	x	x	x		x				x	x	x
Sensor Format	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x
Sensor Type	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				x	x	x
Sharpness	x																				
Shutter Speed		x	x	x	x	x	x	x	x	x	x	x	x		x	x			x	x	x
Slow Shutter	x																				
Slow Shutter Fr Adjust	x																				
Temperature		x	x		x	x	x	x			x	x			x						
Transparent Serial Port		x	x	x	x	x	x	x			x	x	x	x	x	x				x	x
WD Bright Compensation						x	x	x				x								x	x
WD Bright Compensation Level						x	x	x				x								x	x
WD Bright Level						x	x	x				x								x	x
White Balance		x	x	x	x	x	x	x	x	x	x	x	x		x	x			x	x	x
Wide Dynamic Range		x	x		x	x	x	x			x	x			x	x				x	x