

- | ATOM one mini | ATOM one mini AIR | ATOM one mini IP67 | ATOM one | ATOM one Industrial | ATOM one 4K mini 7 | ATOM one 4K mini 11 | ATOM one 4K mini 16 |
|--|---|--|--|--|---|---|--|
| <ul style="list-style-type: none"> Small SDI broadcast camera Ultra wide angle support | <ul style="list-style-type: none"> Smallest SDI broadcast camera Ultra wide angle support | <ul style="list-style-type: none"> Smallest SDI broadcast waterproofed camera | <ul style="list-style-type: none"> Smallest global shutter SDI broadcast camera High Dynamic Range (HDR) | <ul style="list-style-type: none"> Single coax cable SDI camera Tough, IP69K | <ul style="list-style-type: none"> Smallest UHD camera Ultra wide angle | <ul style="list-style-type: none"> Smallest 4K 2/3" camera TV lens compatible | <ul style="list-style-type: none"> Smallest 4K 1" global shutter camera High Dynamic Range (HDR) |



	Item no.: DCT0001	Item no.: DCT0002	Item no.: DCT0008	Item no.: DCT0004	Item no.: DCT0003	Item no.: DCT0005	Item no.: DCT0006	Item no.: DCT0007		
Overview	Resolution	Full HD 1920 x 1080	Full HD 1920 x 1080	Full HD 1920 x 1080	Full HD 1920 x 1080	Full HD 1920x1080	UHD 3864 x 2196	4K 4096 x 2160	4K 4096 x 2160	
	Mount	S Mount (M12)	S Mount (M12)	S Mount (M12)	C Mount	S Mount (M12)	C Mount/CS Mount/S Mount	C Mount + CS Mount	C Mount + CS Mount	
	Size	30mm x 30mm x 31mm	30mm x 30mm x 18mm	32mm x 32mm x 51mm	32mm x 32mm x 71mm	50mm x 55mm x 89mm	36mm x 36mm x 79mm	36mm x 36mm x 79mm	36mm x 36mm x 79mm	
	Weight	45 g	25 g	115 g	100 g	IP69K 530g	122 g	123 g	123 g	
	Mount points	2x 1/4" 5x M3	10x M3	3x 1/4" 5x M3	2x 1/4" 6x M3	4x M6	2x 1/4" 5x M3	2x 1/4" 5x M3	2x 1/4" 5x M3	
	Microphone	Mono Mic	Mono Mic	Mono Mic	No	No	Stereo Mic	Stereo Mic	Stereo Mic	
	Sensor	Sensor Type	1 / 2.5"	1 / 2.5"	1 / 2.5"	1 / 1.23"	1 / 2.5"	1/2.5"	2/3"	1"
		Pixel size	3.24 um	3.24 um	3.24 um	5.86 um	3.24 um	1.62 um	2.4 um	3.45 um
Diameter		7.2 mm	7.2 mm	7.2 mm	13.1 mm	7.2 mm	7.2 mm	11 mm	16.1 mm	
Filter		IR cut / no filter	IR cut / no filter	IR cut / no filter	IR cut	IR cut / no filter	IR cut	IR cut	IR cut	
Shutter type		Rolling	Rolling	Rolling	Global	Rolling	Rolling	Rolling	Global	
Dynamic		10 bit / 57dB	10 bit / 57dB	10 bit / 57dB	12 bit / 72 dB	10 bit / 57dB	10 bit / 57dB	10 bit / 57dB	12 bit / 72 dB	
Sensitivity ISO		Analog 30 - 675 / Digital 3200	Analog 30 - 675 / Digital 3200	Analog 30 - 675 / Digital 3200	Analog 125 - 2000 / Digital 12800	Analog 30 - 675 / Digital 3200	Analog 30 - 675 / Digital 3200	Analog 45 - 1013 / Digital 6400	Analog 115 - 1840 / Digital 12800	
Sensitivity 2000 Lx 50Hz		F2.4	F2.4	F2.4	F11	F2.4	F2.4	F8	F6.7	
Maxium FOV (H)		125° @ 2.7mm lens	125° @ 2.7mm lens	89° @ 3.4 mm lens	89° @ 6mm lens	85° @ 3.4mm lens	125° @ 2.7mm lens	76° @ 6mm lens	98° @ 6mm lens	
Electric		SDI output	1x HD-BNC/3G SDI	1x HD-BNC/3G SDI	1x HD-BNC/3G SDI	2x HD-BNC/3G SDI	1x HD-BNC/3G SDI	2x HD-BNC/12G SDI	2x HD-BNC/12G SDI	2x HD-BNC/12G SDI
	Control	RS485	RS485	RS485	RS485 / RS422 / UART 3.3V	RS485	RS485 / RS422 / UART 3.3V	RS485 / RS422 / UART 3.3V	RS485 / RS422 / UART 3.3V	
	Genlock	No	No	No	Trilevel Sync in / out	No	Trilevel Sync in / out	Trilevel Sync in / out	Trilevel Sync in / out	
	Embedded time code	yes	yes	yes	yes	yes	yes	yes	yes	
	Voltage range	5V-36V	5V-36V	5V-36V	6V-36V	24V	9V-36V	9V-36V	9V-36V	
	Power	3.4W 270mA@12V	3.4W 270mA@12V	3.4W 270mA@12V	3.4W 280mA@12V	5W 250mA@24-36V	6.5W 540mA@12V	7.6W 630mA@12V	8.3W 680mA@12V	
	Power Supply	6-36V	6-36V	6-36V	6-36V	6V-36V	9V-36V	9V-36V	9V-36V	
Camera Features	Cooling	Passive	Passive	Passive	Passive	Passive	Active	Active	Active	
	Color Control Unit	yes	yes	yes	yes	yes	yes	yes	yes	
	4K to 2K down-scale with oversampling	no	no	no	no	no	yes	yes	yes	
	Independent LUT	yes	yes	yes	yes	yes	yes	yes	yes	
Video Formats	10 bit YUV422	yes	yes	yes	yes	yes	yes	yes	yes	
	RAW	no	no	no	yes	no	yes	yes	yes	
	1920 x 1080 Full HD Framerates	23.98, 24, 25, 29.97, 30, 50, 50.94, 60, 50i 59.94i, 60i					no (can downscale to 1080 i/p)			
	3840 x 2160 UHD Framerates	no					23.98, 24, 25, 29.97, 30, 48, 47.96, 50, 59.94, 60, 50i 59.94i, 60i			
4096 x 2160 4K Framerates	no					23.98, 24, 25, 29.97, 30, 48, 47.96, 50, 59.94, 60, 50i 59.94i, 60i				