



S-201

1920 x1080 up to 1200fps

S-202

1920 x1080 up to 2200fps

S-203

1920 x1080 up to 3200fps

MINI POWERFUL FULL HD HIGH PERFORMANCE CAMERA

YUKI S-Series combines our advance proprietary CMOS image sensor technology with extensive know-how in the field of high-speed digital imaging to provide cameras that can flexibly accommodate a wide range of applications. Available in 3 models, YUKI S-Series offers 12-bit high speed recording up to 30,000 frames per second (fps) and shutter speeds up to 100ns.

Unique features:

- ✓ 100ns minimum exposure time
- ✓ 150G shock tolerance
- ✓ Long recording time
- ✓ 3G Video output
- ✓ Up to 65 degree C
- ✓ Small and compact
- ✓ Impressive color image
- ✓ Full HD high resolution
- ✓ Lens interface: SONY E lens, Nikon FG lens, or C-mount
- ✓ Adaptive Gigabit Ethernet, up to 10-GigE speed

Model:	S-201	S-202	S-203
Max. Resolution	1920 x 1080		
Max. Resolution Speed	1200fps	2200fps	3200fps
Max. Recording Speed	110000fps	205000fps	300000fps
Sensor Pixel Size	10µm		
Min. Exposure Time	100ns		
Dual Exposure Mode	300ns		
Dynamic Range	60dB		
Bit Depth	8 / 10 / 12 bit		
Sensitivity	ISO 30000 (Monochrome) / ISO 10000 (Color)		
Analog Gain	2x 4x 8x		
Recording Memory	16GB / 32GB / 64GB / 512GB / 1TB / 2TB		
Data Interface	10GigE , Adaptive Gigabit Ethernet		
Video Signal Output	Ethernet / 3G-SDI		
Trigger Mode	Software / IO / IAC (Image Auto Capture)		
I/O Signal	INPUT : Trigger (TTL/Switch), RS422, SYNC, Ready, Event, IRIG OUTPUT : SYNC, Ready, Event		
Operating Temperature	-10 to 50 degree Celsius -40 to 65 degree Celsius (customizable)		
Humidity	< 95% (without condensation)		
Dimension	L89 x W72 x H72 mm (exclude lens)		
Power	DC 24V , <30W		
Shock Resistance	150g / 11ms all axis, spikes up to 200g		

Specifications subject to change without prior notice

S-201

Resolution	Recording Speed	Recording Time	
		16GB/ 32GB/ 64GB/ 512GB	1TB/ 2TB
1920 x 1080	1200 fps	6.9s / 13.8s / 27.6s / 55.2s	7min / 14min
1920 x 720	1800 fps	6.9s / 13.8s / 27.6s / 55.2s	7min / 14min
1920 x 512	2500 fps	6.9s / 13.8s / 27.6s / 55.2s	7min / 14min
1920 x 256	4900 fps	7s / 14s / 28s / 56s	7min / 14min
1920 x 128	9600 fps	7s / 14s / 28s / 56s	13min / 14min
1920 x 8	82500 fps	13.5s / 27s / 54s / 108s	20min / 27min
1920 x 4	110000 fps	20.3s / 40.6 / 81.2s / 162.4s	24min / 41min

S-202

Resolution5	Recording Speed	Recording Time	
		16GB/ 32GB/ 64GB/ 512GB	1TB/ 2TB
1920 x 1080	2200 fps	3.7s / 7.4s / 14.8s / 29.60s	3.8min / 7.6min
1920 x 720	3300 fps	3.7s / 7.4s / 14.8s / 29.60s	3.8min / 7.6min
1920 x 512	4600 fps	3.8s / 7.6s / 15.2s / 30.4s	3.8min / 7.6min
1920 x 256	9200 fps	3.8s / 7.6s / 15.2s / 30.4s	3.8min / 7.6min
1920 x 128	17900 fps	3.8s / 7.6s / 15.2s / 30.4s	3.8min / 7.6min
1920 x 8	153000 fps	7.3s / 14.6s / 29.2s / 58.4s	7.4min / 14.8min
1920 x 4	205000 fps	10.9s / 21.8s / 43.6s / 87.2s	11min / 22min

S-203

Resolution	Recording Speed	Recording Time		
		16GB/ 32GB/ 64GB/ 512GB	1TB	2TB
1920 x 1080	3200 fps	2.5s / 5s / 10s / 20s	2.6min	5.2min
1920 x 720	4800 fps	2.5s / 5s / 10s / 20s	2.6min	5.2min
1920 x 512	6800 fps	2.5s / 5s / 10s / 20s	2.6min	5.2min
1920 x 256	13500 fps	2.5s / 5s / 10s / 20s	2.6min	5.2min
1920 x 128	26200 fps	2.6s / 5.2s / 10.4s / 20.8s	2.6min	5.2min
1920 x 8	224000 fps	5s / 10s / 20s / 40s	5.1min	10.2min
1920 x 4	300000 fps	7.4s / 14.8s / 29.6s / 59.2s	7.5min	15.1min

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