

HR-8000-S-M Monochrome  
HR-8000-S-C Color



High Speed 10GigE SFP+ Interface  
10x the Speed of GigE  
Cable lengths from 1M to 10KM  
No Fiber Converters Needed  
No Frame Grabbers  
GigE Vision Compliant

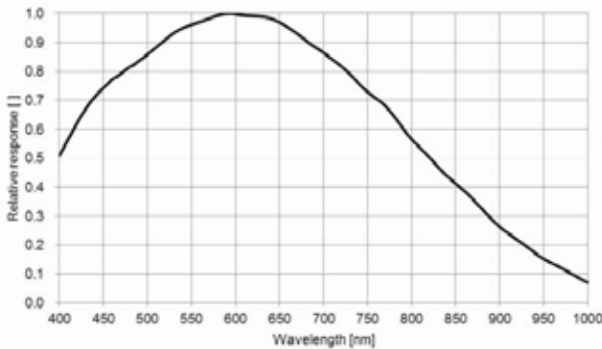


# HR-8000-S SERIES - 8.9MP

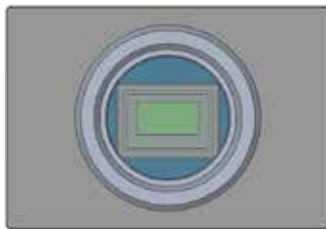
## HR-8000-S-M MONOCHROME / HR-8000-S-C COLOR



### Spectral Sensitivity



### Front View Dimensions



58mm

### Side View Dimensions



40mm

97mm

\*Please refer to 3d Mechanicals available to download from our website for exact measurements

### APPLICATIONS

Broadcast Sports Technology  
Intelligent Traffic Systems  
Food and Beverage Inspection  
Diagnostic Analysis  
Semiconductor  
Automotive  
Medical Imaging

Sensor	Sony IMX255*
Resolution	4096x2160
Megapixels	8.9MP
Sensor Type	1" CMOS
Max Frame Rate	110fps
Cell Size	3.45µm
Standard Mount	C Mount
Shutter	Global
Bit Depth	8, 10, 12 bit
GPIO / Triggering	2 in, 4 out Software, External (Pulse or Edge)
Interface	SFP+ 10GigE
*Exposure/Integration	10µs-1s
Dynamic Range	71 dB
Digital Output	8, 10, 12 bit
Monochrome Modes	Mono8, Mono10, Mono10Packed, Mono12, Mono12Packed
Color Modes	RGB8, RGB10, RGB12, BGR8, BGR10, BGR12, YUV411, YUV422, YUV444
Raw Modes	BayerRG8, BayerRG10, BayerRG10Packed, BayerRG12, BayerRG12Packed
Frame Buffer	60 frames (8bpp, Full Frame)
Memory	500MB DDR2, 125MP NOR FLASH
Operating System	Windows 7/8/10, Linux (64bit)
Compliance	CE, FCC, RoHS, WEEE, GigE Vision, GenICam
Power Requirements	9W, 12V
Operating Temperature	0C - 45C
Storage Temperature	-30C to +60C
Dimensions & Weight	97 x 58 x 40 - 350g
Warranty	2 Years

### EMERGENT VISION TECHNOLOGIES

7-11720 Stewart Crescent  
Maple Ridge, B.C. V2X 9E7 Canada  
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emergentvisiontec.com

\*all minimum exposure specs can vary from what is listed based on the limitations of each sensor as per notice from the manufacturer.