HR-8000-S SERIES

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

emergent
vision technologies

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

SONY Pregius

GigE VISION
GEN<i>CAM

10GIGE CAMERAS
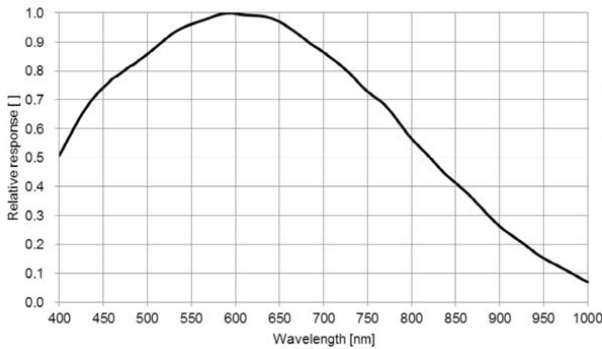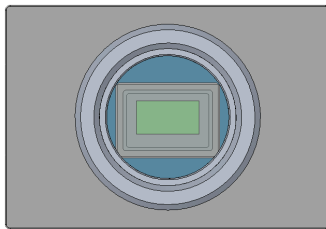Speed is Everything.

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

97mm

40mm

*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 IMX255LLR* Sony IMX255LQR*
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, 12 bit
GPIO / Triggering	2 in, 4 out Software, External (Pulse or Edge)
Interface	SFP+ 10GigE
***Exposure/Integration**	10µs-1s
Dynamic Range	71 dB
Monochrome Modes	Mono8, Mono12, Mono12Packed
Color Modes	RGB8, RGB12, BGR8, BGR12, YUV411, YUV422, YUV444
Raw Modes	BayerRG8, BayerRG12, BayerRG12Packed
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

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