

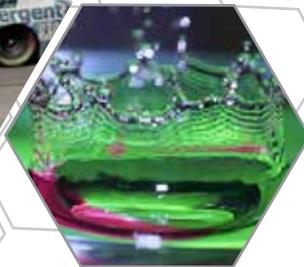
HB-500-S-M Monochrome  
HB-500-S-C Color

**\*\*\*PRELIMINARY\*\*\***



# 25GIGE BOLT

**High Speed 25GigE SFP28 Interface**  
**2.5x the Speed of 10GigE**  
Cable lengths from 1M to 10KM  
No Fiber Converters Needed  
No Frame Grabbers  
GigE Vision Compliant



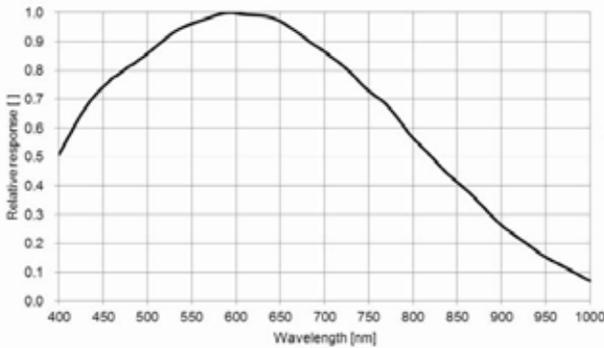
**\*\*\*PRELIMINARY\*\*\***

## HB-500-S SERIES - 0.5MP

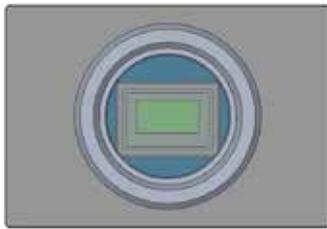
HB-500-S-M MONOCHROME / HB-500-S-C COLOR



### Spectral Sensitivity



### Front View Dimensions



58mm

### Side View Dimensions



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 IMX426
Resolution	812 x 620
Megapixels	0.50MP
Sensor Type	1/1.7 - 9.2mm CMOS
Max Frame Rate	1594.7 fps / TBD
Cell Size	9µm
Standard Mount	C Mount
Shutter	Global
Bit Depth	8 & 12 bit
GPIO / Triggering	3 in, 3 out Software, External (Pulse or Edge)
Interface	SFP28 - 25GigE
Exposure/Integration	5µs-1s
Dynamic Range	86 dB
Monochrome Modes	Mono8, Mono12, Mono12Packed
Color Modes	RGB8, RGB12, BGR8, BGR12, YUV411, YUV422, YUV444
Raw Modes	BayerRG8, BayerRG12, BayerRG12Packed
Operating System	Windows 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 - 250g
Warranty	2 Years

**\*Preliminary data. Subject to change.**

### EMERGENT VISION TECHNOLOGIES

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