

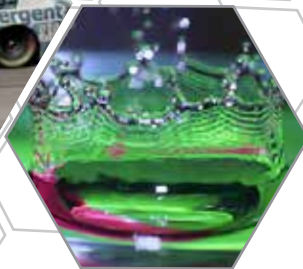
HB-2000-S-M Monochrome
HB-2000-S-C Color

*****PRELIMINARY*****



25 GIGE 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



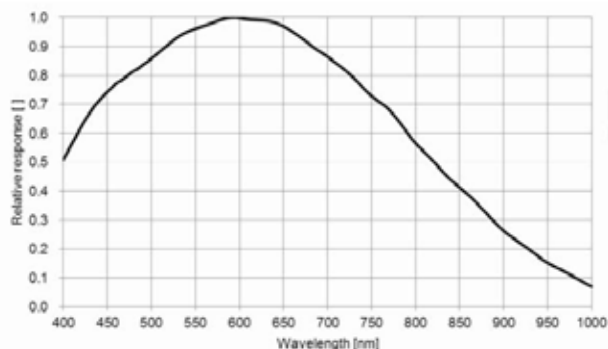
*****PRELIMINARY*****

HB-2000-S SERIES - 2MP

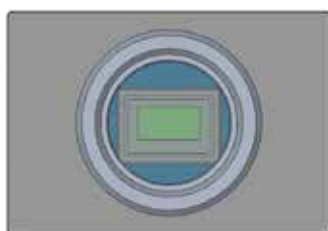
HB-2000-S-M MONOCHROME / HB-2000-S-C COLOR



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 IMX422
Resolution	1624 x 1240
Megapixels	2.01MP
Sensor Type	1/1.7 - 9.2mm CMOS
Max Frame Rate	477.6 fps / TBD
Cell Size	4.5µm
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	74 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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