

HR-50000-M Monochrome
HR-50000-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

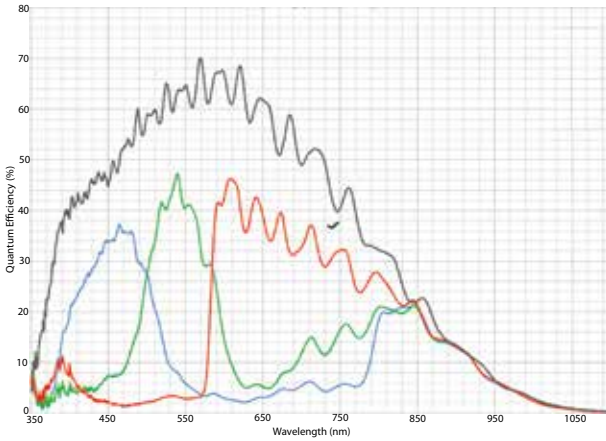


HR-50000 SERIES - 50MP

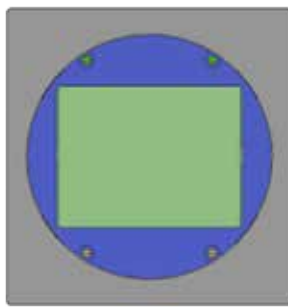
HR-50000-M MONOCHROME / HR-50000-C COLOR



QE & Spectral Response
QE * FF - @550 nm with micro lens



Front View Dimensions



58mm

Side View Dimensions



97mm

60mm

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

EMERGENT VISION TECHNOLOGIES

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Sensor	CMOSIS CMV50000
Resolution	7920x6004
Megapixels	50MP
Sensor Type	35mm CMOS
Max Frame Rate	23fps
Cell Size	4.6µm square
Standard Mount	52mm, M52x1.5x12mm BFL, F-mount Available
Shutter	Global
Bit Depth	8 or 12 Bit
GPIO / Triggering	3 in, 3 out Software, External (Pulse or Edge)
Interface	SFP+ 10GigE
Exposure/Integration	100µs-1s
Dynamic Range	64 dB
Monochrome Modes	Mono8, Mono12
Color Modes	RGB8, YUV411, YUV422, YUV444, BGR8
Raw Modes	BayerRG8, BayerRG12
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	97x58x60 - 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.**