

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

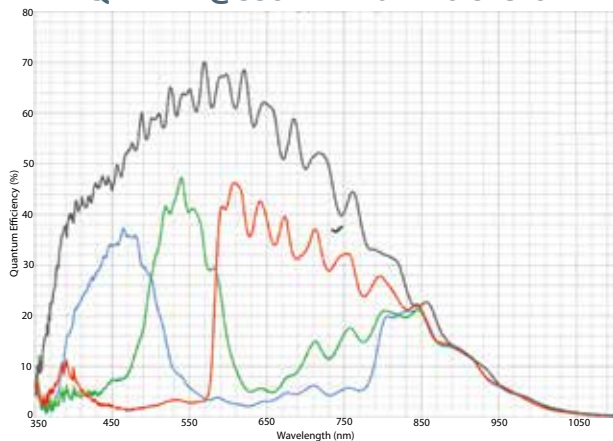


HR-50000 SERIES - 50MP

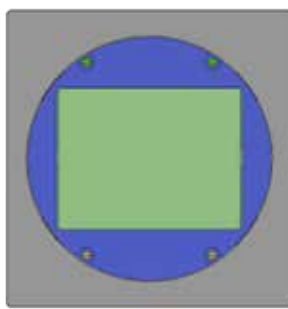
HR-50000-M MONOCHROME / HR-50000-C COLOR



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



Front View Dimensions



58mm

Side View Dimensions



60mm

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

EMERGENT VISION TECHNOLOGIES

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emergentvisiontec.com

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.