HT-50000 SERIES

HT-50000-M Monochrome
HT-50000-C Color

emergent
vision technologies

**High Speed 10GBaseT Interface
10x the Speed of GigE
Cable lengths from 1M to 100M
No Frame Grabbers
GigE Vision Compliant**

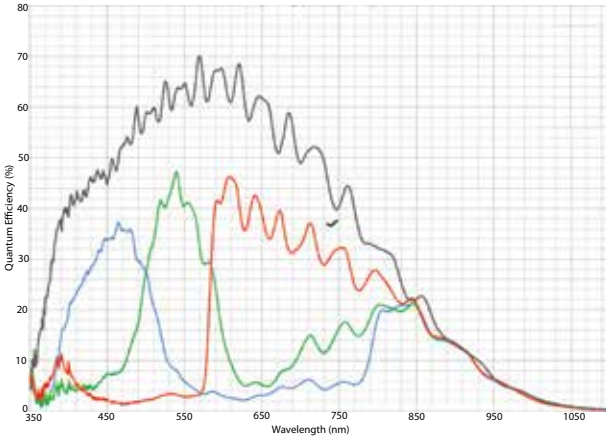**GiGE VISION**
GEN<i>CAM

10GIGE CAMERAS
Speed is Everything.

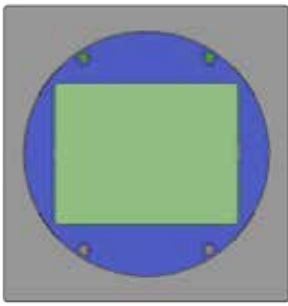# HT-50000 SERIES - 50MP
HT-50000-M MONOCHROME / HT-50000-C COLOR

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

Front View Dimensions

58mm

Side View Dimensions

60mm

88mm

Please refer to 3d Mechanicals available for download on our website for exact measurements

APPLICATIONS
Broadcast Sports Technology
Intelligent Traffic Systems
Food and Beverage Inspection
Diagnostic Analysis
Semiconductor
Automotive
Medical Imaging

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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	RJ45 10GBaseT
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	88x58x60 - 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.