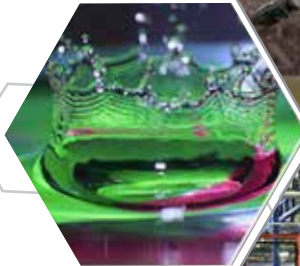


HT-20000-M Monochrome  
HT-20000-C Color



High Speed 10GBaseT RJ45 Interface  
10x the Speed of GigE  
Cable lengths from 1M to 100M  
No Fiber Converters Needed  
No Frame Grabbers  
GigE Vision Compliant

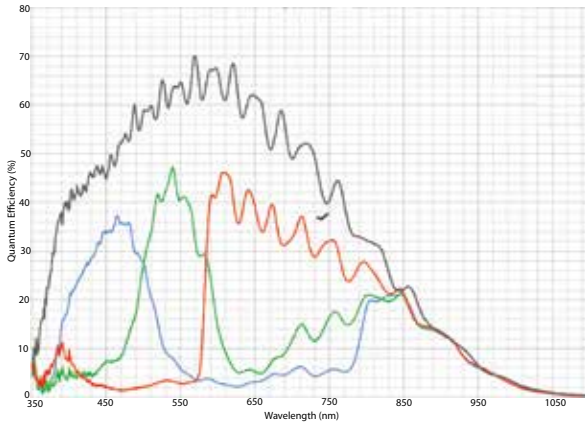


# HT-20000 SERIES - 20MP

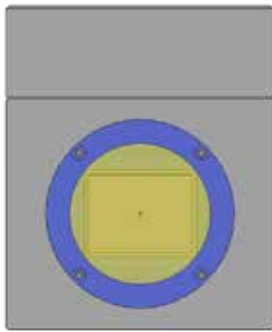
## HT-20000-M MONOCHROME / HT-20000-C COLOR



### QE & Spectral Response



### Front View Dimensions



58mm

### Side View Dimensions



88mm

\*Heat fins shown are an optional accessory  
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

7-11720 Stewart Crescent  
Maple Ridge, B.C. V2X 9E7 Canada  
Ph: 1-866-780-6082  
E-Mail: sales@emergentvisiontec.com  
emergentvisiontec.com

Sensor	CMV20000
Resolution	5120x3840
Megapixels	20MP
Sensor Type	35mm CMOS
Max Frame Rate	32fps
Cell Size	6.4µm square
Standard Mount	52mm, M52x1.5x12mm BFL, F-mount Available
Shutter	Global
Bit Depth	8 or 10 Bit
GPIO / Triggering	2 in, 4 out Software, External (Pulse or Edge)
Interface	RJ45 10GBaseT
Exposure/Integration	10µs-1s
Dynamic Range	60 dB
Digital Output	8, 10 bit
Monochrome Modes	Mono8, Mono10
Color Modes	RGB8, YUV411, YUV422, YUV444, BGR8
Raw Modes	BayerRGB, BayerRG10
Frame Buffer	5 frames (8bpp, Full Frame)
Memory	500MB DDR2, 125MP NOR FLASH
Operating System	Windows 7/8, 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	88x58x80 - 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.