HT-12000 SERIES

emergent
vision technologies

HT-12000-M Monochrome
HT-12000-C Color
HT-12000-N Near IR

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

GiGE VISION
GEN<i>CAM

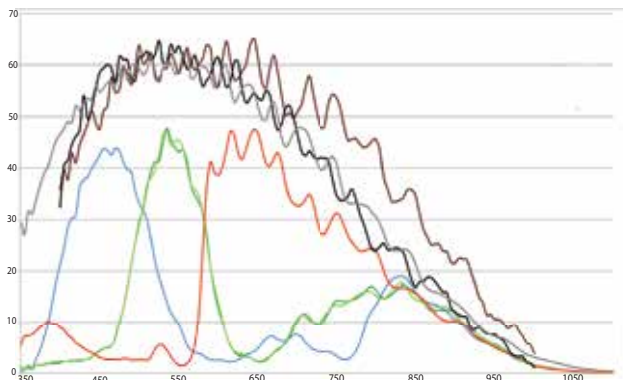# 10GIGE CAMERAS
Speed is Everything.

HT-12000 SERIES - 12MP
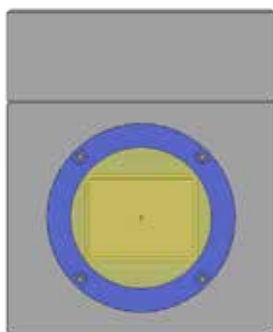## HT-12000-M MONOCHROME / HT-12000-C COLOR
HT-12000-N NEAR IR

Quantum Efficiency

Front View Dimensions

58mm

Side View Dimensions

88mm

70mm

*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	CMV12000
Resolution	4096 x 3072
Megapixels	12MP
Sensor Type	28mm CMOS
Max Frame Rate	84fps
Cell Size	5.5µm square
Standard Mount	M42x1x12mm BLF, Optional 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	20 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	88x58x70 - 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.