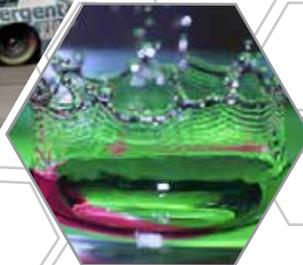# HT-5000-S SERIES

## HT-5000-S-M Monochrome
## HT-5000-S-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**

**SONY**
**Pregius**

**GigE VISION**

**GEN<i>CAM**

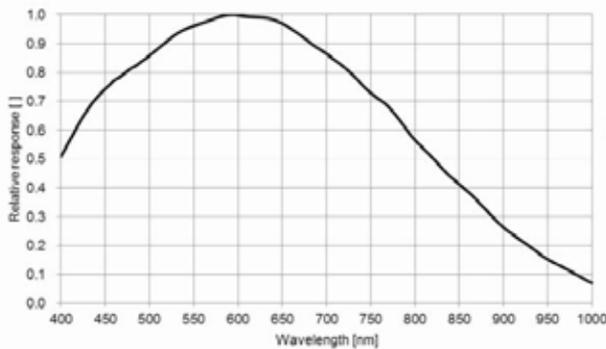# 10GIGE CAMERAS

Speed is Everything.
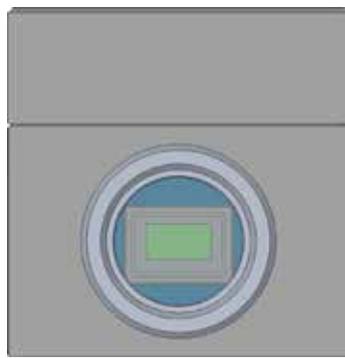
# HT-5000-S SERIES - 5.0MP
## HT-5000-S-M MONOCHROME / HT-5000-S-C COLOR

### Spectral Sensitivity



### Front View Dimensions



58mm

### Side View Dimensions



59mm

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, British Columbia, V2X 9E7 Canada
Ph: 1-866-780-6082 E-Mail: sales@emergentvisiontec.com
emergentvisiontec.com

| | |
|---|---|
| **Sensor** | Sony IMX250 |
| **Resolution** | 2448 x 2048 |
| **Megapixels** | 5.0MP |
| **Sensor Type** | 2/3" CMOS |
| **Max Frame Rate** | 163 fps |
| **Cell Size** | 3.45µm |
| **Standard Mount** | C Mount |
| **Shutter** | Global |
| **Bit Depth** | 8, 10, 12 bit |
| **GPIO / Triggering** | 2 in, 4 out Software, External (Pulse or Edge) |
| **Interface** | RJ45 10GBaseT |
| **\*Exposure/Integration** | 10µs-1s |
| **Dynamic Range** | 71 dB |
| **Digital Output** | 8, 10, 12 bit |
| **Monochrome Modes** | Mono8, Mono10, Mono10Packed, Mono12, Mono12Packed |
| **Color Modes** | RGB8, RGB10, RGB12, BGR8, BGR10, BGR12, YUV411, YUV422, YUV444 |
| **Raw Modes** | BayerRG8, BayerRG10, BayerRG10Packed, BayerRG12, BayerRG12Packed |
| **Frame Buffer** | 60 frames (8bpp, Full Frame) |
| **Memory** | 500MB DDR2, 125MP NOR FLASH |
| **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** | 88 x 58 x 59 - 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.**