

HR-20000 SERIES

HR-20000-M Monochrome HR-20000-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
Smaller Form Factor then HS Line



10GIGE CAMERAS

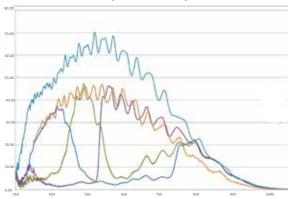
and Supplemental Company

Speed is Everything.

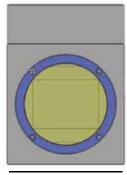
HR-20000 SERIES - 20MP HR-20000-M MONOCHROME / HR-20000-C COLOR



QE & Spectral Response



Front View Dimensions



58mm

Side View Dimensions



80mm

97mm

APPLICATIONS

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

EMERGENT VISION TECHNOLOGIES

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SensorCMV20000Resolution5120x3840Megapixels20MPSensor Type35mm CMOSMax Frame Rate32fpsCell Size6.4μm squareStandard Mount52mm, M52x1.5x12mm BFL, F-mount AvailableShutterGlobalBit Depth8 or 10 BitGPIO / Triggering2 in, 4 out Software, External (Pulse or Edge)InterfaceSFP+ 10GigE*Exposure/IntegrationDynamic Range60 dBDigital Output8, 10 bitMonochrome ModesMono8, Mono10Color ModesRGB8, YUV411, YUV422, YUV444, BGR8
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Color Modes RGB8, YUV411, YUV422,
11020, 101122, 101122,
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 97x58x80 - 350g
Warranty 2 Years *all minimum exposure specs can vary from what is listed based on

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