



HB-127-S Series

HB-127-S-M Monochrome HB-127-S-C Color









HB-127-S: 25GigE camera with Sony IMX661

HB-127-S features the Sony IMX661 CMOS sensor. At full resolution (13400 x 9528), you get 19.9 frames per second. Its ultra high-speed SFP28 - 25GigE interface offers many benefits including low-cost accessories, low CPU overhead, low latency, low jitter, and accurate multi-camera synchronization using IEEE1588. In addition, 25GigE SFP28 offers three supported cabling options for cable lengths from 1M to 10KM.

Benefits

- » High-speed 25GigE SFP28
- » 25x the speed of GigE
- » Ultra high data/frame rates
- » GigE Vision® and GenlCam™ compliant
- » Optional IP67 housing

Applications

- » Virtual Reality
- » Goal Line Technology
- » Volumetric Capture
- » Motion Capture
- » Immersive 3D Content
- » Finish Line Vision
- » Referee Assist
- » Flat Panel Inspection
- » Machine Vision

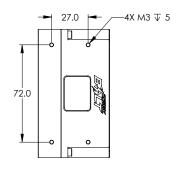
Specifications

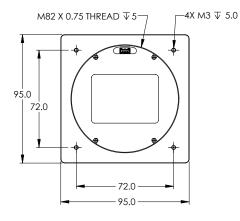
SensorIMX661Resolution13400 x 9528Megapixels127.7MPSensor Type56.7 mm CMOSMax Frame Rate19.9fps @ 8-bit 19.9fps @ 10-bit 19.9fps @ 12-bitCell Size3.45×3.45μmStandard MountM82 x 0.75 Mount, EF/F Mount AvailableShutterGlobalBit Depth8, 10, & 12 bitGPIO / Triggering3 in, 3 out Software, External (Pulse or Edge)Interface25GigE SFP28Exposure/Integration*1μs – 1sDynamic Range>66dbMonochrome ModesMono8, Mono10, Mono10Packed, Mono12, Mono12PackedColor ModesRGB8, BGR8, YUV411, YUV422, YUV444Raw ModesBayerRG3, BayerRG10, BayerRG10Packed, BayerRG12, BayerRG12PackedOperating SystemWin10 (64 bit), Linux (64 bit)ComplianceCE, FCC, RoHS, WEEE, GigE Vision, GenICamPower Requirements12VOperating TemperatureOC- 45CStorage Temperature-30C to +60CDimensions & Weight95 x 95 x 53 - 800gWarranty2 Years		
Megapixels 127.7MP Sensor Type 56.7 mm CMOS Max Frame Rate 19.9fps @ 8-bit 19.9fps @ 10-bit 19.9fps @ 12-bit Cell Size 3.45×3.45µm Standard Mount M82 x 0.75 Mount, EF/F Mount Available Shutter Global Bit Depth 8, 10, & 12 bit GPIO / Triggering 3 in, 3 out Software, External (Pulse or Edge) Interface 25GigE SFP28 Exposure/Integration* 1µs – 1s Dynamic Range >66db Monochrome Modes Mono8, Mono10, Mono10Packed, Mono12, Mono12Packed Color Modes RGB8, BGR8, YUV411, YUV422, YUV444 Raw Modes BayerRG3, BayerRG10, BayerRG10Packed, BayerRG12, BayerRG12Packed Operating System Win10 (64 bit), Linux (64 bit) Compliance CE, FCC, RoHS, WEEE, GigE Vision, GenlCam Power Requirements 12V Operating Temperature 0C- 45C Storage Temperature -30C to +60C Dimensions & Weight 95 x 95 x 53-800g	Sensor	IMX661
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Warranty 2 Years	Dimensions & Weight	95 x 95 x 53 - 800g
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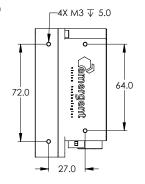
^{*}all minimum exposure specs can vary from what is listed based on the limitations of each sensor as per notice from the manufacturer.

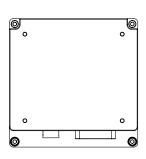


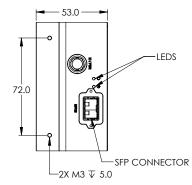
Mechanical drawings











Any Questions?

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