

iBoostX-22GSW500M-SA/SJ SWIR Camera

- 5MP @22 fps
- Adopts High-sensitivity InGaAs SWIR Sony IMX992 Sensor
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Filter 400-1800nm(standard) 1030-1800nm(optional)
- 512MB hardware image buffer

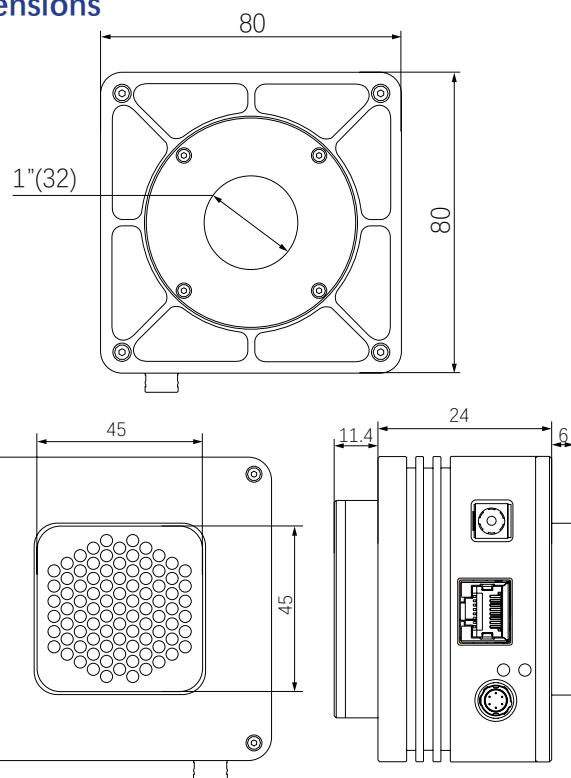
Applied range • Electronic Board&Semiconductor Inspection • Identifying And Sorting
• High-End Night Vision Security Applications



Camera	iBoostX-22GSW500M-SA/SJ
Resolution [H*V]	2560× 2048
Sensor Technology	InGaAs
Pixel Size[μm]	3.45
Sensor Size[μm]	1/1.4"
Frame Rate [Fps]	22 @2560 x 2048 88 @1280 x 1024
Spectral Range	0.4μm - 1.8μm
SNR	46.17dB(HCG) 48.45dB(LCG)
Dynamic Range	51.36dB(HCG) 51.47dB(LCG)
Conversion Gain	10.3e/ADU(HCG) 17.29e/ADU(LCG)
Sensitivity	TBD
Dark current	TBD
Gain Range	1x-15x
Exposure time	15μs-60s
Shutter	Global
Digital I/O	One opto-isolated input, one opto-isolated output, two non-isolated input and output
Data Bit	12bit,8bit optional
CRA	2.35°
Interface	GigE
Housing Size	80 × 80 × 45.5 mm (<300g)
Operating Temp	-40~85 ° C (Storage), -20~60° C (Working)
Lenses Mount	C-Mount
Power Input	DC 12 V
Power Consumption	12V @<2.1W(Without cooling) <25W(Cooling)
Operating System	Windows/Linux

Spectral Response

Dimensions



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