

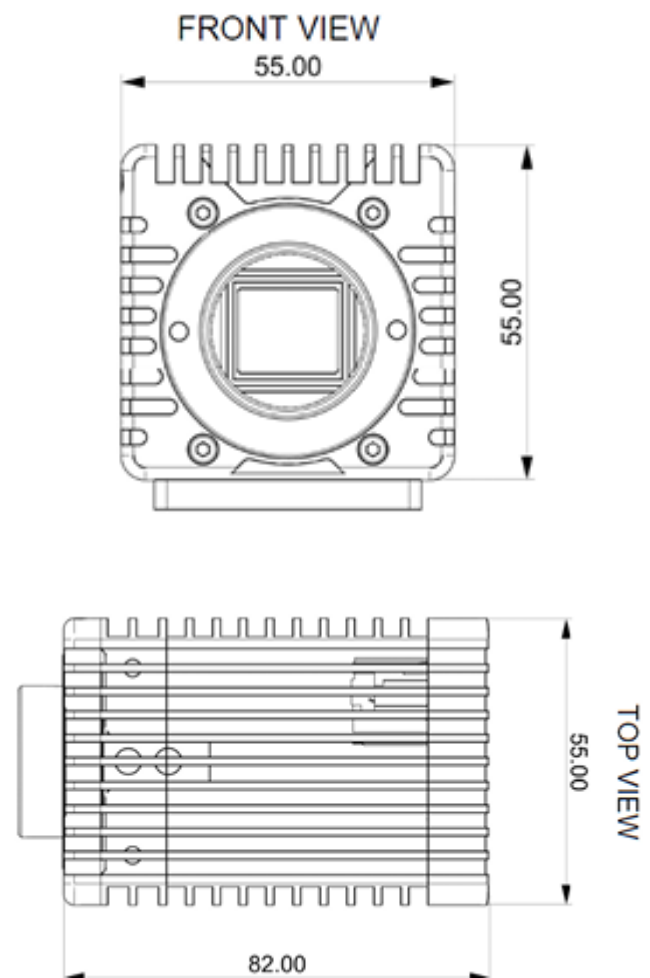


The MSC SW16 is compact, lightweight multispectral camera with 16 bands in the SWIR spectral range. It is equipped with a high performance InGaAs sensor modified with Spectral Devices proprietary Anti-X-Talk™ multispectral filter array technology

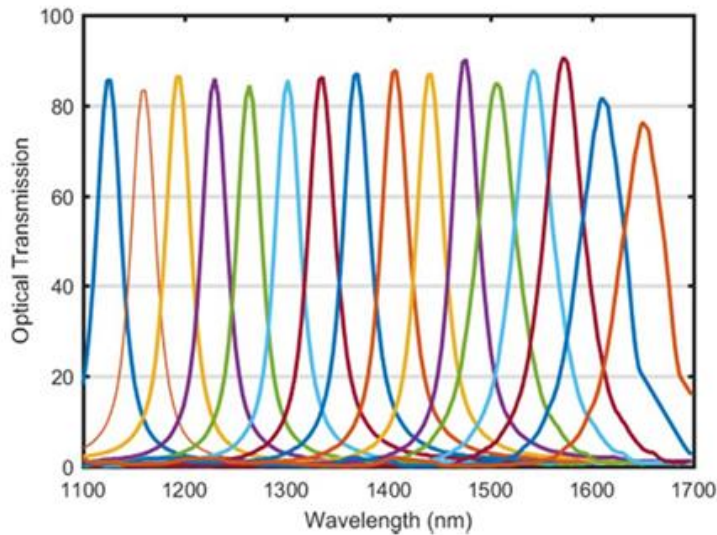
FEATURES

- Captures co-registered spectral images simultaneously
- 16 bands – equally spaced between 1125 and 1640 nm
- Anti-X-Talk™ Technology - enhances contrast and spectral performance
- Sustained frame rates @ 100 FPS
- Superior image quality due to onboard thermoelectric cooling
- GigE Vision & GenICam
- Compact (55 x 55 x 82 mm)
- Lightweight (335g without lens)
- Accommodates c-mount lenses

DIMENSIONS



SPECTRAL RESPONSE



TECHNICAL SPECIFICATIONS

Feature	Description
# of bands	16
Band Locations	1125, 1160, 1195, 1230, 1265, 1300, 1335, 1370, 1405, 1440, 1475, 1505, 1540, 1575, 1605, 1640 nm
Spectral Bandwidth	25-45 nm
Pixels/band	135 x 105 (540 x 420 after debayering)
Sensor Type	InGaAs
Sensor Format	1-inch
Effective pixel size	20 x 20 μm
Shutter Type	Global
Frame Rate	100 fps
Exposure Time	100 μs to 10ms
Lens Compatibility	c-mount
System Sync	External trigger (Hardware, Software), Free run

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