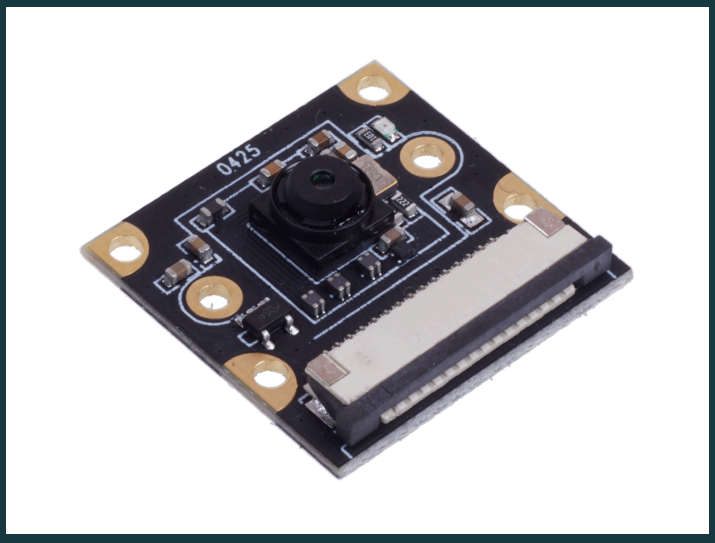
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INDUSTRIAL PRODUCT DATASHEET

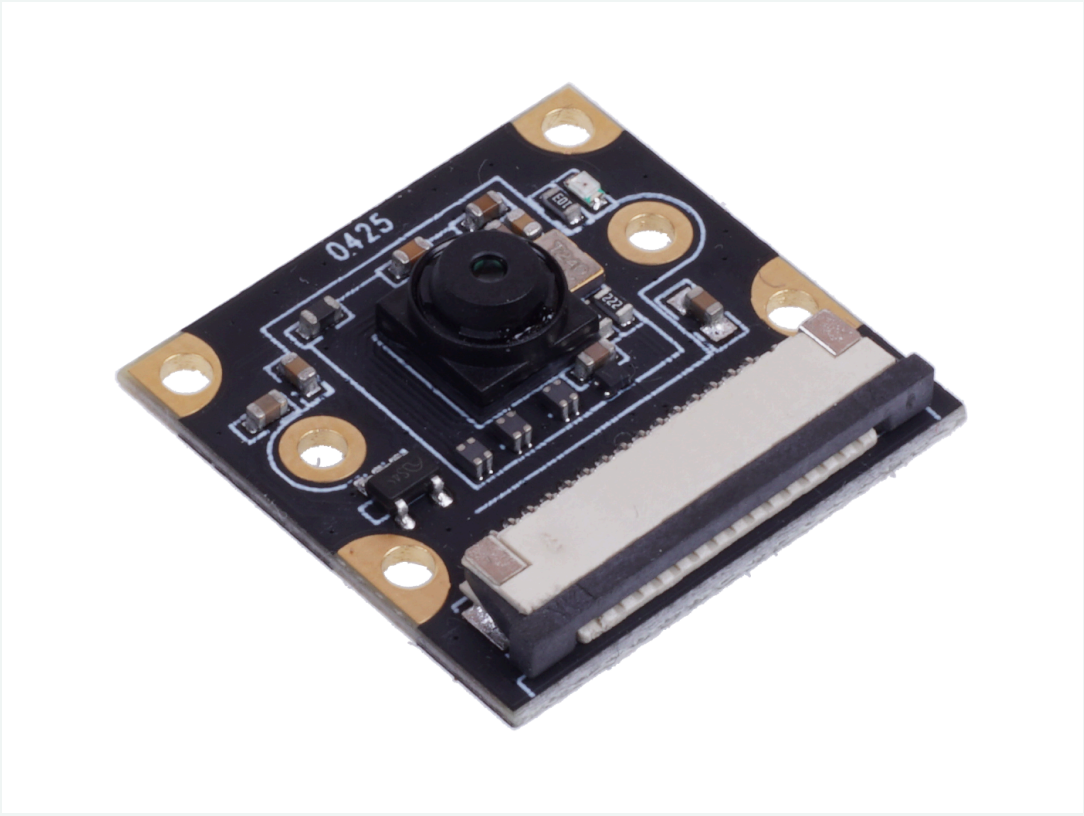
IMX219-77 8MP Camera with 77° FOV - Compatible with NVIDIA Jetson Nano/ Xavier NX

IMX219-77 8MP Camera with 77° FOV, compatible with NVIDIA Jetson Nano/Xavier NX, featuring an 8 megapixel Sony IMX219 sensor and 3280 × 2464 high resolution imaging with high FOV.

SKU	UPDATED	PRICE
114992260	2026-09-07 02:57:08	$18.90(Excl. VAT)



Overview



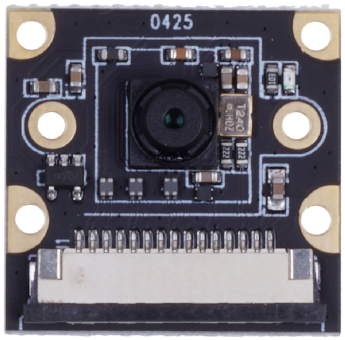
The IMX219-77 8MP Camera with 77° FOV - Compatible with NVIDIA Jetson Nano/ Xavier NX features a high-quality camera with an 8 megapixel Sony IMX219 image sensor. It is capable of viewing images at a high resolution of 3280 × 2464 with high FOV (field-of-view) to capture more area.

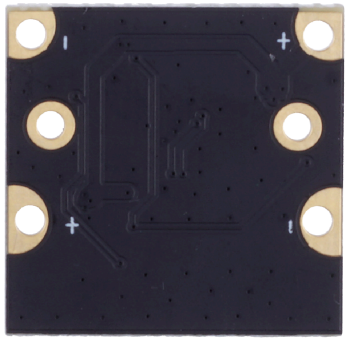
Key Features

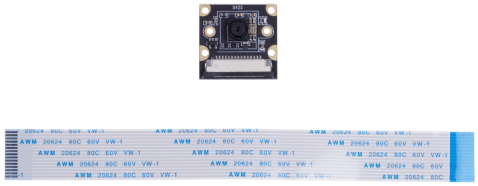
Features

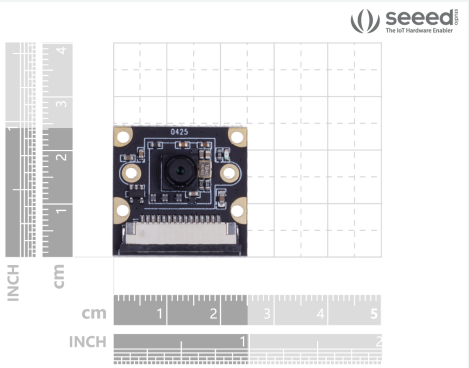
- High-quality camera with an 8 megapixel Sony IMX219 image sensor
- Capable of viewing images at a high resolution of 3280 × 2464
- High FOV (field-of-view) to capture more area

Product Gallery









Specification

Specification	Description
Megapixels	8 Megapixels
Photosensitive chip	Sony IMX219
Assembly Technique	SMT (ROSH)
Resolution	3280 × 2464
Pixel Size	1.12μm x1.12μm
CMOS size	1/4 inch
Aperture (F)	2.0
Focus	fixed
Focal Length	2.96mm
Lens Construction	4P
Diagonal field of view (FOV)	77 degrees
Distortion	<1%
EFL	2.93mm
BFL (Optical)	1.16mm

Specification	Description
Maximum Image Transfer Rate	30 fps for QSXGA
Output formats	8/10bit RGB RAW output
S/N Ratio	39db
Dynamic Range	69db
Sensitivity	600mV/Lux-sec
Relative Illumination (Sensor)	70%
IR Filter	650±10nm
Object Distance	30CM-∞
Interface	15p-1.0 mipi
Power supply	3.3V (pin15)
Operating Temperature	-20°C to 70°C
Temperature (Stable Image)	0°C to 50°C
Lens size	6.5mm × 6.5mm
Module Size	25mm × 24mm ×5.3±0.2mm

Part List

- 1 x IMX219-77 8MP Camera with 77° FOV - Compatible with NVIDIA Jetson Nano
- 1 x 150mm FPC Cable

Compliance & Logistics

HSCODE	8525801390
USHSCODE	8525895050
UPC	
EUHSCODE	8517600000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/IMX219-77-Camera-77-FOV-Applicable-for-Jetson-Nano-p-4608.html

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