

AC-IMX390 Series

IP67 + IP69K 2MP GMSL2 camera with SONY IMX390 CMOS Sensor and ISP



Key Features

- SONY IMX390 CMOS Sensor and GEO SEMI GW5200 ISP
- 1920x1080 uncompressed UYVY video output
- IP67 + IP69K waterproof on the lens side
- Enhanced edge focus and lens centering via 5-axis active adjustment

Specifications

CMOS	SONY IMX390, 1/2.7" optical format with 3μm x 3μm pixel size	Current Consumption	≤ 165mA @ 12V
ISP	GEO SEMI GW5200	Waterproof	IP67 + IP69K on the lens side IP67 on the FAKRA side with waterproof FAKRA connector
LFM (LED Flicker Mitigation)	Yes	Lens Mounting	5-axis active adjustment with adhesive dispense
HDR (High Dynamic Range)	120dB	Connector	Male FAKRA Z connector
Resolution	2MP (1920 x 1080)	Warranty	3 years or 100,000 KM
FPS	30 FPS (Fixed)	Operating Temperature	-40°C ~ 85°C
Video Format	YUV422 (UYVY)	Storage Temperature	-40°C ~ 95°C
Serializer	MAX9295		

	AC-IMX390-H60	AC-IMX390-H120	AC-IMX390-H190
HFOV	63.9°	120.6°	186°
F No.	F1.6	F1.4	F2.4
Object Distance	3.2 M to infinity	1.5 M to infinity	0.5 M to infinity
Center Deviation	± 5 pixel on 50cm object	± 5 pixel on 50cm object	± 5 pixel on 50cm object
Dimension	28 x 28 x 44.2 mm (exclude FAKRA connector)	28 x 28 x 45.2 mm (exclude FAKRA connector)	28 x 28 x 50.2 mm (exclude FAKRA connector)
Weight	38 g	50 g	50 g

Dimensions

