

AC-AR0233 and AC-AR0233-60FPS Series

IP67 2MP GMSL2 camera with ONSEMI AR0233 CMOS Sensor and ISP



Key Features

- ONSEMI AR0233 CMOS Sensor and GEO SEMI GW5200 ISP
- 1920x1080 uncompressed UYVY video output
- IP67 waterproof on the lens side

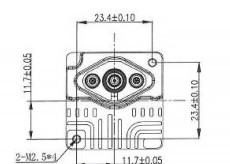
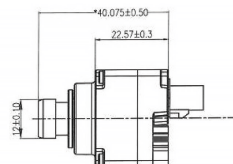
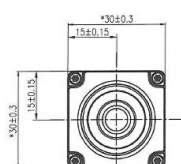
Technical Specification

	AC-AR0233-H60	AC-AR0233-H120	AC-AR0233-H190
HFOV	60°	118°	196°
F No.	F1.6	F2	F2
EFL/mm	5.8	3	1.51
Dimension	30 x 30 x 40 mm (exclude FAKRA connector)	30 x 30 x 40.5 mm (exclude FAKRA connector)	30 x 30 x 36.4 mm (exclude FAKRA connector)
Weight	< 50 g	< 50 g	< 50 g
	AC-AR0233-H60-60FPS	AC-AR0233-H120-60FPS	AC-AR0233-H190-60FPS
HFOV	60°	118°	196°
F No.	F1.6	F2	F2
EFL/mm	5.8	3	1.51
Dimension	30 x 30 x 40 mm (exclude FAKRA connector)	30 x 30 x 40.5 mm (exclude FAKRA connector)	30 x 30 x 36.4 mm (exclude FAKRA connector)
Weight	< 50 g	< 50 g	< 50 g
CMOS	ONSEMI AR0233, 1/2.5" optical format with 3μm x 3μm pixel size		
ISP	GEO SEMI GW5200		
LFM (LED Flicker Mitigation)	Yes		
HDR (High Dynamic Range)	120dB		
Resolution	2MP (1920 x 1080)		
FPS	AC-AR0233 Series: 30 FPS (configurable by external framesync) AC-AR0233-60FPS Series: 60 FPS (configurable by external framesync)		
Video Format	YUV422 (UYVY)		
Serializer	MAX9295		
Current Consumption	≤ 300mA @ 12V		
Waterproof	IP67 on the lens side IP67 on the FAKRA side with waterproof FAKRA connector		
Lens Mounting	6-axis active alignment		
Connector	Male FAKRA Z connector		
Warranty	1 year		
Operating Temperature	-40°C ~ 85°C		
Storage Temperature	-40°C ~ 85°C		

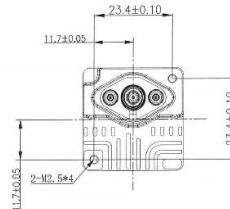
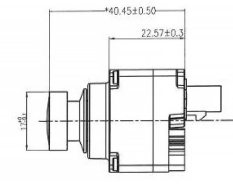
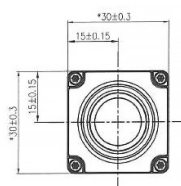
All other names, brands, products or services are trademarks or registered trademarks of their respective owners.

Dimension

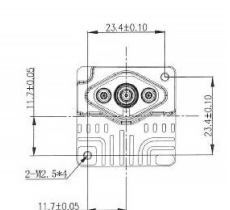
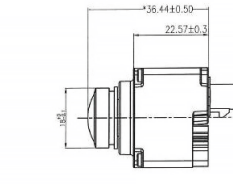
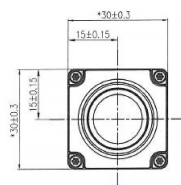
AC-AR0233-H60/ AC-AR0233-H60-60FPS



AC-AR0233-H120/ AC-AR0233-H120-60FPS



AC-AR0233-H190/ AC-AR0233-H190-60FPS



Unit : mm