







IMX296 Camera Specifications

Sensor	IMX296LQR-C
CMOS Diagonal Length	6.3mm
Pixel	15.8MP (1456 x1088)
Single Pixel Size	3.45um x 3.45um
Output Format	RAW10
Back Focal Length	Adjustable (12.5~22.4mm)
Lens Type	CS-mount, C-mount(with C-CS Adapter Ring)
Infrared Light Filter	Integrated
Tripod Installation	1/4" - 20
Weight	21g
Cable Length	150mm



Lens Type	6mm Wide-Angle	16mm Telephoto	25mm Telephoto	35mm Telephoto	8-50mm Zoom	100 times Enlarger
Picture						
Target Area size	1/2"	1"	2/3"	1"	1/2.3"	1/2"
Focus Length	6mm	16mm	25mm	35mm	8-50mm	--
Aperture	F1.2	F1.4-16	F1.4-16	F1.7-16	F1.4	--
Optical Multiplier	--	--	--	--	--	0.12X~1.8X
Optical Zoom	--	--	--	--	--	15:01
Lens Installation	CS-mount	C-mount	C-mount	C-mount	C-mount	C/CS-mount
FOV	63°	1" 44.6°x33.6° 2/3" 30.0°x23.2° 1/1.8" 24.7°x18.6° 1/2" 21.8°x16.4°	2/3" 20.2°x15.1° 1/1.8" 16.5°x12.4° 1/2" 14.5°x10.5°	1" 20.9°x15.8° 2/3" 14.4°x10.8° 1/2" 10.5°x7.9°	45°-5.35°	--
Back Focal Length	7.53mm	17.53mm	17.53mm	17.53mm	17.53mm	--
Optical Total Length	--	67.53mm	--	--	--	--
Distortion Rate	--	1"(-0.7%) 1/2"(-0.5%) 1/3"(-0.15%)	0.05%	0.35%	--	-0.1%
Object Distance(Min)	0.20m	0.20m	0.25m	0.30m	0.20m	2.4m
External Dimensions	Diameter 30x34mm	Diameter 39x50mm	Diameter 34x34mm	Diameter 35x34mm	Diameter 40x68.3mm	Diameter 39x112mm
Operation Method	Manual Iris	Manual Iris	Manual Iris	Manual Iris	Manual Iris	Fixed Aperture
Product Weight	53g	133.7g	82g	78g	148g	202g



1"	44.6° × 33.6°
2/3"	30.0° × 23.2°
1/1.8"	24.7° × 18.6°
1/2"	21.8° × 16.4°

