

## Features

- Full-color starlight
- 120dB true WDR, 3DNR
- Max. 30fps@1080P
- HD/SD output switchable
- Audio in interface, built-in mic
- 3.6mm fixed lens (6mm optional)
- IP67, DC12V±30%



## Specification

Camera	
Image Sensor	1/2.7" CMOS
Effective Pixels	1920(H)×1080(V), 2MP
Scanning System	Progressive
Electronic Shutter Speed	1/3s~1/100,000s
Minimum Illumination	0.02Lux/F1.8, 30IRE, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 60m (197feet)
IR On/Off Control	Auto / Manual
IR LEDs	2
Lens	
Lens Type	Motorized lens / Fixed iris
Mount Type	Board-in
Focal Length	2.7-12mm
Max. Aperture	F1.8
Angle of View	H: 105.9°~33.4°

Focus Control	Motorized
Auto Focus	N/A
Close Focus Distance	200mm, 7.87"
DORI Distance	Wide D: 45m(148ft), O: 18m(59ft), R: 9m(30ft), I: 5m(15ft) Tele D: 132m(433ft), O: 53m(173ft), R: 26m(87ft), I: 13m(43ft)
Pan / Tilt / Rotation	
Pan/Tilt/Rotation	Pan: 0° ~ 360°, Tilt: 0° ~ 78°, Rotation: 0° ~ 360°
Video	
Resolution	1080P (1920×1080)
Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output / CVBS video output (DIP switch)
Day/Night	Auto (ICR) / Manual
OSD Menu	Multi-language
BLC Mode	BLC / HLC / DWDR
WDR	DWDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto / Manual
Interface	
Audio Interface	N/A
Electrical	
Power Supply	12V ±30% DC
Power Consumption	Max 6.9W (12V DC, IR ON)
Environment	
Operating Temperature	-40°C to +60°C (-40°F to 140°F); <95% (non-condensation)
Storage Temperature	-40°C to +60°C (-40°F to 140°F); <95% (non-condensation)
Protection Grade	IP67
Structure	
Casing	Aluminium
Dimensions	Dia.122mm×104mm (Dia.4.8"×4.1")
Net Weight	0.57kg (1.26lb)
Gross Weight	0.72kg (1.59lb)