

## 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)<br>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                                                                                                                          |
| Eelectrical           |                                                                                                                              |
| 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)                                                                                                              |