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| **Low-light Rifle-sight** | | |
| **Model#** | **WM-S1904-W35-V01** | **WM-S1912-W40-V01** |
| **Sensor** | | |
| Sensor type | Color HD CMOS | |
| Resolution | 1920×1080； | 1936 x 1216； |
| Pixel size | 4um | 12um |
| Frame Rate | 25/30/60/90fps switch | 25/30/50/60fps switch |
| Illuminance | F1.2 aperture，0.001Lux | |
| Wave length | Visible light 400-700nm，near infrared 700-950nm narrow band 1064nm | |
| **Optical performance** | | |
| Focal length | 35mm | |
| FOV | 30.6°x24.7° | 26.9°x21.7° |
| Focusing | Manual | |
| Display | 0.39'' OLED | |
| **Image Processing** | | |
| Image polarity | 1x~4x continuous zoom | |
| Imaging | Color/B&W switch | |
| Contrast | (3 levels) adjustable | |
| Gain | Manual/automatical | |
| Digital noise reduction | Support | |
| Brightness, contrast, saturation | Adjustable | |
| DDE | (4 gears) adjustable | |
| Reticle type | Variety of options | |
| Reticle color | Variety of options | |
| **Whole machine function** | | |
| Boot time | ≤8S | |
| Boot interface | Customizable | |
| Exposure time | Adjustable | |
| Electronic fog | Low/Medium/Hight adjustable | |
| Self-check | Power-on self-test/command self-test | |
| Video and photo record | Support | |
| WIFI | Support | |
| Electronic compass | Support | |
| Motion sensor | Support | |
| **Power Supply** | | |
| Operating voltage range | 3.3V-5V | |
| Typical working voltage | 5v | |
| Power consumption | ≤2W | |
| Reverse over-voltage protection | Support | |
| **Electric Interface** | | |
| Analog video output | PAL | |
| Digital video output | HD Color OLED | |
| Communication interface | RS232 serial port | |
| **Environmental adaptability** | | |
| Storage temperature | -50℃～+60℃ | |
| Working temperature | -40℃～+50℃ | |
| Humidity | 0%～95%RH | |
| **Vibration and shock resistance** | | |
| Vibration | GJB 150-16 2.3.1 | |
| Shock | GJB 150-18 1Experiment 7 100g/6ms | |
| **Mechnical** | | |
| Weight | ≤800g | ≤800g |
| Dimension | 303mm\*75mm\*85mm | 303mm\*75mm\*85mm |
| **Display** | | |
| Display type | HD Color OLED | |
| Display size | 0.39 inch | |
| Display resolution | 800x600 | |
| **VCR** | | |
| Video/photo resolution/pixels | 640x480 | |
| Video/photo format | avi/jpg | |
| Built-in memory | 16GB | |
| Built-in memory capacity | 300 min of video or ˃20000 photos | |
| **WIFI channel** | | |
| Frequency | 2.4GHz | |
| Standard | 802.11 b/g/n | |
| Sight receiving range (m) | 15 | |