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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 |