# Vehicle Infrared Uncooled Cameras

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| **PN** | **JC317-9.5D** | | **JC617-9.5D** |
| **Detector performance** | | | |
| Sensor Type | VOx Uncooled Infrared FPA | | |
| Resolution | 384X288 | | 640X480 |
| Pixel size | 17UM | | |
| NETD | ≤40mK | | |
| Wavelength | 8-14μm | | |
| Frame Rate | 60Hz | | 30Hz |
| **Imaging Performance** | | | |
| Focal Length | 9.5mm | | |
| Focusing | Fixed focus without heating | | |
| FOV | 37.9\*28.1 | 59.6\*46.5 | |
| **Image Processing** | | | |
| Brightness& contrast | Automatic | | |
| Image zoom | 2x、4x | | |
| Pseudo-color Plates | Multiple color, support customization. | | |
| Reticle | Display/Hide/Move（User-definable） | | |
| Polarity | White hot/black hot | | |
| Image enhancement | DDE default | | |
| **Video Output** | | | |
| Analog Video | 1 Road Analog NTSC or PAL | | |
| Operating Voltage Range | DC: 9V-36V | | |
| Typical Working Voltage | DC：12V | | |
| Power Consumption | ＜1.8W、25℃ | | ＜2.5W、25℃ |
| Protection of the opposite connection | Yes | | |
| Over-voltage and reverse protection | Yes | | |
| **Communication Interface** | | | |
| Mode | Serial port (debug reservation) | | |
| Type | RS232（Baud rate：115200（N,8,1）） | | |
| Software | Client software Support Chinese and English language | | |
| **Environment Adaptability** | | | |
| Operating Temperature | —40℃～+60℃ | | |
| Storage Temperature | —40℃～+70℃ | | |
| Seal grade | IP67 | | |
| Salt mist | 5% NaCI，96h | | |
| **Anti-vibration** | | | |
| Vibration | GJB 150-16 2.3.1 | | |
| Mechanical Shock | GJB 150-18 test 7 100g/6ms | | |
| Temperature Resistance | 5℃/min（—40℃～+60℃） | | |
| **Physical Parameter** | | | |
| Weight(Not include the Lens) | ＜420g(With protective cover)；  ＜380g(Without protective cover)； | | |
| Size(Not include the Lens) | 110X70X60(Length \* width \* height，Without protective cover)；  140X73X66(Length \* width \* height，With protective cover) | | |

## 5.Dimension

