# 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

