


| Model | | UA01 | | | UA02 | | | | UA03 | | |
|--|--------------------------------|--|---------------|------------------------------|--|---------------|---------------|------------------------------|--|---------------|---------------|
| Photo | |  | | | | | | | | | |
| Quote | | | | | | | | | | | |
| Unit price at MOQ100 (RMB,Ex-works factory, Inc 13 | % | 1350 | 1450 | | 3800 | 4000 | 4200 | | 6360 | 6600 | |
| Unit price at MOQ500 (RMB,Ex-works factory, Inc 13 | % | 1300 | 1400 | | 3600 | 3750 | 3850 | | 6180 | 6420 | |
| Specification | | | | | | | | | | | |
| Thermal sensor | Sensor type | VOX | | | VOX | | | | VOX | | |
| | Resolution | 256×192 | | | 384×288 | | | | 640×512 | | |
| | Pixel size | 12μm | | | 17μm | | | | 12μm | | |
| | Working band | 8~14μm | | | 8~14μm | | | | 8~14μm | | |
| | NETD | ≤50mK @25℃, F#1.0, 25Hz | | | ≤40mK @25℃, F#1.0, 25Hz | | | | ≤40mK @25℃, F#1.0, 25Hz | | |
| | Thermal time constant | < 10ms | | | < 12ms | | | | < 12ms | | |
| | Frame rate | 25Hz | | | 50Hz | | | | 50Hz | | |
| Non-uniformity correction | Automatic shutter correction | | | Automatic shutter correction | | | | Automatic shutter correction | | | |
| Lens | Focusing method | Manual focus | | | Manual focus | | | | Manual focus | | |
| | Lens aperture | 1.0 | | | 1.0 | | | | 1.0 | | |
| | Focal length | 6.8mm | 10.0mm | 13.0mm | 4.6mm | 6.8mm | 9.1mm | 13.0mm | 6.8mm | 9.1mm | 13.0mm |
| | FOV(H°V) | 25.46°×19.23° | 17.46°×13.14° | 13.48°×10.13° | 141.91°×106.43° | 96.00°×72.00° | 39.46°×30.11° | 28.19°×21.33° | 58.91°×48.62° | 45.76°×37.31° | 32.91°×26.59° |
| | Focus range | > 0.5m | > 3.0m | > 5.0m | > 5.0m | > 5.0m | > 5.0m | > 5.0m | > 5.0m | > 5.0m | > 5.0m |
| Detection distance | Human | ≤642m | ≤944m | ≤1227m | ≤306m | ≤666m | ≤606m | ≤866m | ≤642m | ≤859m | ≤1227m |
| | Vehicle | ≤944m | ≤1389m | ≤1805m | ≤450m | ≤892m | ≤892m | ≤1275m | ≤944m | ≤1263m | ≤1806m |
| Recognition instance | Human | ≤160m | ≤236m | ≤306m | ≤76m | ≤166m | ≤151m | ≤216m | ≤160m | ≤214m | ≤306m |
| | Vehicle | ≤236m | ≤347m | ≤451m | ≤112m | ≤223m | ≤223m | ≤319m | ≤236m | ≤315m | ≤451m |
| System features | Optional color palettes | White hot | | | White Hot, Black Hot, Rainbow, Hot Metal, Yellow Saturated, Bird Watching Mode (default white hot) | | | | White Hot, Black Hot, Rainbow, Hot Metal, Yellow Saturated, Bird Watching Mode (default white hot) <small>白热、黑热、彩虹、金属热、饱和黄色、观鸟模式(默认为白热)</small> | | |
| | Hotspot tracking | / | | | Turn on or off (default is off) | | | | Turn on or off (default is off) | | |
| | Shutter time selection | / | | | 30 seconds, 60 seconds, 90 seconds, 180 seconds, customized | | | | 30 seconds, 60 seconds, 90 seconds, 180 seconds, customized | | |
| | Shutter time ustomization | / | | | 30 seconds ~ 180 seconds, interval 10 seconds | | | | 30 seconds ~ 180 seconds, interval 10 seconds | | |
| | Lanugae | / | | | Russian, English (default Russian) | | | | Russian, English (default Russian) | | |
| Differentiation line | Differentiation lines optional | / | | | Turn on or off | | | | Turn on or off | | |
| Video output | Format | PAL | | | PAL | | | | PAL | | |
| | Resolution | 720×576 | | | 720×576 | | | | 720×576 | | |
| Power | Operating voltage | 5.0V±0.2V | | | 5.0V±0.2V | | | | 5.0V±0.2V | | |
| | Power consumption | 0.4W(5V/80mA) | | | 1.3W(5V/260mA) | | | | 1.3W(5V/260mA) | | |
| Work/storage environment | Operating temperature | -20℃ ~ +50℃ | | | -20℃ ~ +50℃ | | | | -20℃ ~ +50℃ | | |
| | Storage temperature | -30℃ ~ +70℃ | | | -30℃ ~ +70℃ | | | | -30℃ ~ +70℃ | | |
| Dimensions/weight | Size(Bracket not included) | L21.5*W21.5*H30mm | | | L28.5*W28.5*H49.0mm(4.6)/41.38mm(9.1mm)/46.83(6.8mm) | | | | L28.5*W28.5*H47.0(6.8)mm/41.43(9.1) | | |
| | Weight(Bracket not included) | 22g | | | 65g | | | | 65g | | |