# Cantonk
*"Reliable Digital Security Products Manufacturer"*

◆ **SPECIFICATION**

| Model NO. | S5003TP |
|---|---|
| **Camera** | |
| Image Sensor | 1/2.8" SONY Starvis Back-illuminated CMOS sensor |
| Resolution | 4MP |
| Effective Pixels | 2616 (H) x 1964 (V) |
| Compression | H.264/H.264+/H.265/H.265+/JPEG/AVI |
| TV System | PAL/NTSC |
| Electronic Shutter Time | Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec |
| Minimun Illumination | 0.01Lux |
| S/N Ratio | ≥52dB |
| Scanning System | Progressive |
| Reset Button | Support |
| **Lens** | |
| Focus Length | Board Lens 3.6mm |
| Focus Control | Fixed |
| Lens Type | Fixed |
| Pixels | 4MP |
| **Night Vision** | |
| Infrared LED | Not support |
| Infrared Distance | / |
| IR Status | / |
| IR Power On | / |
| **Network** | |
| Ethernet | RJ-45 (10/100Base-T) |
| Wireless | / |

| | |
|---|---|
| Protocol | TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE |
| P2P | YES, Support QR Code |
| POE | / |
| Main Stream 1 | Optical: 2592*1944@20fp<br>2560*1920@20fp |
| Main Stream 2 | Optical: 2560*1440@30fp |
| Main Stream 3 | Optical: 1920*1080@30fps<br>1280*720@30fps |
| Sub Stream 1 | Optical: 352*288@30fps |
| Sub Stream 2 | / |
| Sub Stream 3 | / |
| Tri Stream | Thermal: 256*192@25fps |
| Web Browser | IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53) |
| Smart Phone | iPhone, iPad, Android, Android Pad |
| IE Brower | IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53), Mac Safari(lower than version 12) |
| Smart Phone | iPhone, iPad, Android, Android Pad |

## Thermal

| | |
|---|---|
| Image Sensor | Vox Uncooled Focal Plane Arrays |
| Resolution | 256x192 |
| Pixel Interval | 12μm |
| NETD | Less than 60 mK (@25°C.F#=1.1) |
| Aperture | F1.1 |
| Focal Length | 3.2mm |
| Field of View | 56° x 42° (H x V) |

## Smart Function

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|---|---|
| Bi-spectrum Image Fusion | Support  display the thermal image and optical image simultaneously |
| Face Capture | Built-in deep learning AI algorithm, Face snaping support 30 faces<br>detection simultaneous and measure temperature 10-20 faces |
| Temperature measurement | Non-contact temperature measurement, Temperature measuring range: 1-4m |
| Temperature Range | 35°C~42°C |
| Temperature Accuracy | Highly accurate temperature measurement within ±0.5 °C, with black body ±0.3 °C |
| Alarm Indicator Light | Suport light flash when detect abnormal temperature |
| Sound Alarm | Built in speaker support voice broadcast when detect abnormal temperature |
| Local Record Storage | Support local snapshot records and temperature measurement records,Support video storage and playback |
| Display | Support HD output, maximum support 4K output |

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|---|---|
| Local Operation | Support local configuration with mouse |
| Sound Alarm | Built in speaker support voice broadcast when detect abnormal temperature |

## Camera Features

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|---|---|
| Day/Night | Color |
| Image Config | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control) |
| Corridor Pattern | / |
| Defog  Mode | Support |
| BLC | Support |
| WDR | HDR:120dB |
| Motion Detection | Support |
| Privacy  Masking | 3 Rectangular Zone |
| Recording Mode | SD Card |
| Language | Chinese Simplified, Chinese Traditional, English |

## Interface

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|---|---|
| Audio | 1CH Bulit In Mic, 1 Channel Intput/Output |
| Alarm | 1 Channel Output |
| SD Card Slot | Support Max 512GB |
| Video Ouput | HD Output |
| USB | USB2.0*2 |
| RS485 | / |

## General

| | |
|---|---|
| Housing | Aluminum alloy, plastic |
| IR Cut Filter | Yes |
| Operation Temperature (Temperature | 10℃ ~ +35℃ RH95% Max |
| Storage Temperature | -20℃ ~ +60℃ RH95% Max |
| Power Source | 1000mA/12V |
| Dimension | 239.53（L）*102.96（W）*84.7（H）mm |
| Weight | 1.4KG |