*Network Camera*

# GuardianEye Pro
## AI Camera Series

Introducing the Guardian Eye Pro AI 5MP Industrial Bullet Camera – precision surveillance for industrial settings. With high-res 5MP clarity, robust metal build, and advanced AI features like real-time alerts and adaptive tracking, it sets a new standard for professional-grade security. Elevate your industrial surveillance with Guardian Eye Pro AI.

**MODEL NO:** TS-CINS375-BBMW5I654

## *Main Features*

- 5MP HD resolution,clear and fine images.

- Support 2D/3D noise reduction,digital wide dynamic.

- Advanced H.265 video compression.

- Support sound and light linkage alarm.

- Support image shutter, can cover the privacy area.

- Support D-WDR, 3D-NR, BLC, Auto-White balance for

   different environments.

- Professional anti lightning,conform to GB/T17626.5 and IEC61000 4 5 。

- Support cloud technology,easy to achieve network penetration,fro

   in line and alarm information pushed.

MAKE IN INDIA

CE ♻ ⚠ RoHS Compliant

# Specifications

| Camera | |
|---|---|
| Model No | **TS-CINS375-BBMW5I654** |
| Image Sensor | 1/2.9" image sensor |
| Min.Illumination | color 0.0001Lux@F1.2,black/white 0.0001Lux@F1.2 |
| Lens | Fixed lens |
| D&N | Support D/N switching(IR-CUT optional) |
| Wide dynamic | Support digital |
| D-WDR | Support D-WDR |
| IR Led Control | IR/Warm, auto/manual/off, support 0-100 brightness adjust |
| Digital Noise Reduction | 3D DNR |
| 3D DNR | Off/Low/Middle/High/Higher |
| Defog | Off/Low/Middle/High |
| Mirror | Off/horizontal mirror/vertical mirror/180° flip |
| Lens Type | 3.6mm Fixed Lens |
| **Intelligent function** | |
| Electronic fence | Support humanoid and vehicle detection, When enter into warning area, camera will be alarm |
| Cross-border detection | Support humanoid and vehicle detection, Support A→B、 B→A、 A↔B direction detection |
| Departure detection | Set the detection area, the device will alarm after the personnel leave for a certain period of time, and the alarm will stop after returning |
| Passenger flow statistics | Supports the detection of the number of people entering and leaving |
| Voice broadcast | Support linkage voice broadcast, voice content can be customized recording |
| Light alarm | Support linkage equipment lighting alarm function |
| NVR linkage | Support large-screen linkage video recorder, local voice, AI recording, push and other functions |
| **Audio & Video Encoding** | |
| Max. Resolution | 4K(3840*2160) |
| Main Stream | 4K(3840*2160)/5MP(2880*1624)/4MP(2560*1440)/3MP(2304*1296)/ 2MP(1920*1080) |
| Sub Stream | 720P(1280*720)/448P(800*448)/D1(704*576)/360P(640*360 )/ (Default 448P)  Sub-stream 2 : 360P(640*360)/CIF(352*288) |
| Framerate | 5MP 20fps, 4MP 25fps,   3MP 30fps |
| Video adjustment | Brightness, saturation, chroma, contrast and sharpness adjustment |
| Video Code Rate | Fixed code rate, variable code rate(main stream:160Kbps-4000kbps) |
| Audio Standard | G.711,support bidirectional talk,audio&video synchronization |
| Voice Announcements | Support voice broadcast after human detection. |
| Bit Rate Control | CBR/VBR |

www.tsglobe.com

## Specifications

### Network

| Network | |
|---|---|
| Network protocol | ONVIF, P2P, CGI, HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, IP Filter |
| Access protocol | Support ONVIF/private protocol/CGI |
| Security Mode | Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification |
| Max users | 4 (2 main stream, 2 sub stream) |
| Motion Detection | Set detection area, can set multi-level sensitivity |
| Privacy Mask Alarm | Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.2, WSSE and digest authentication for ONVIF |
| Privacy Mask | Support 4 areas |
| Schedule Linkage | Snapshot, email |
| Device Abnormal Inspection | Support network broken alarm, IP conflict alarm, illegal visiting alarm |
| Network Storage | Support 1 area |
| Client | VMS |
| Web Browser | Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+ |

### Intelligent (Traditional Algorithm)

| Intelligent (Traditional Algorithm) | |
|---|---|
| Basic Event | Support WEB,OSD,live video transmission,motion detect and IO alarm,front-end storage/playback/download, and center reminder and image linkage,support JPEG |
| Human detection | It supports human detection and can detect human shape for intelligent alarm. |

### General

| General | |
|---|---|
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | DC12V /PoE (option) |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, reverse polarity protection |
| Power Consumption and Current | 12 VDC, 0.9 A, max. 10.8 W |
| Material | Metal |
| Software Reset | Yes |

### Approval

| Approval | |
|---|---|
| EMC | FCC (FCC/23M02012); CE |
| Safety | UL/23M02014 ; BIS IS 13252(PART 1):2010/ IEC 60950-1 : 2005 : IP67 |
| Environment | CE-ROHS |
| Ingress Protection | Weather Proof IP66;IK10 |

### Warranty

| Warranty | |
|---|---|
| Product Warranty | 5 Years |