TECHNO SUPPORT®
Securing the Future

NETWORK CAMERA

GuardianEye Pro
AI Camera Series

Onvif™ Member
The IP-based Security Standard

5MP Smart AI IP Camera

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 : TSCINS375BBMI5I652

ARTIFICIAL INTELLIGENCE

IP 67

WDR

3D DNR

H.265

Main Feature

- Resolution5MP (2592*1904@20fps),
- Built-in humanoid detection algorithm;
- Detection frame 5fps, detect 5 people at the same time;
- Low consumption, low code stream, low delay;
- H.265 compression format, save bandwidth and storage space;
- Support Smart IR to avoid Infrared over-exposure at night;
- Support ICR auto switch, achieve best result for D&N video;
- Support PoE (option)
- Support 3D DNR and digital WDR;
- Support to extend IO board: TF card (512G)
- Support to extend full function IO board: WIFI, RS485, Alarm, Reset
- Support auto-electronic shuttle to suit different surveillance environment
- Support two-way audio intercom
- Support HTTPS encrypted transmission
- Support Onvif, email, NTP service
- Change the password during initial use to ensure the security of the password.

SPECIFICATION

CAMERA

Model No	TSCINS375BBMI5I652
Image Sensor	1/2.7", 5MP low illumination CMOS sensor
Min. Illumination	Color: 0.01 Lux @ F1.2, AGC ON. Color: 0.04 Lux @ F2.2, AGC ON; 0 lux with IR
Lens	2.8mm to 12 mm Motorized Varifocal lens
D&N	ICR switch, auto/color/B&W/CDS trigger/ customized time
White balance	Support auto white balance
WDR	120 dB D-WDR (Off/Low/Middle/High)
Shutter Speed	1 s to 1/100,000 s
S/N Ratio	≥70 dB
Angle Adjustment	Pan: 0°-355°, Tilt: 0°-67°, Rotation : 0°-355°
Field of View	2.8 mm @F2.0, horizontal field of view:105°, Vertical: 77.6°
D-WDR	Support D-WDR
IR Led Control	IR, auto/manual/off, support 0-100 brightness adjust
Night Vision	IR Illumination: IR LEDs adjust to the focal length. Range Variation: ~20m at 2.8mm, up to 40m+ at 12mm.
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	2.8 mm – 12mm Motorized Varifocal lens

Humanoid detection

Detection Quantity	≤5 person
Humanoid Size	Humanoid pixel≥40X40
Detection Ratio	≥99% (meet above requirement)
Capture Corresponding speed	≤1s
Max Detection Frame	5fps/s
Fault Detection Ratio	≤2%
Detect Part	People with any posture including half body,head,hand shoulder
Track People	Support
Detection Mode	Support static and dynamic humanoid detection
Detection Method	Image detection during day or night time with lights or IR Leds

Detection Area	Appointed area, default full-screen
Upload Method	Upload it under private protocol
Trigger Method	Video trigger

AUDIO & VIDEO ENCODING

Max. Resolution	5MP 2592*1904
Mainstream	5MP 2592*1904,4MP 2560*1440@20fps, 3MP 2304*1296@20fps, 2Mp 1920*1080@25fps
Sub Stream	D1(720*576),VGA(640*480),Q720P(640*360),CIF(352*288),QVGA(320*240)
Max Frame Rate	30fps @ 5MP (2560 × 1920)
Video Compression	H.265 / H.264
H.264 Compression Standard	Base Line / Main Profile / High Profile
H.265 Compression Standard	Main Profile @ Leve4.1 High Tier
Image Setting	Time stamp, text overlay, flip & mirror, ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, white balance, video rotation, Scheduled profile settings, AGC
Image Features	Defog, BLC, HLC, 2D/3D DNR
Mode	Corridor format, ROI, Defog mode, BLC, HDR
Video Privacy	4 zones video mask
Corridor Pattern	Yes
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.711u/ G.711A 64Kbps
Bit Rate Control	CBR/VBR

NETWORK

Network protocol	TCP/IP.UDP,HTTP,HTTPS,DHCP,RTSP,DDNS,NTP,PPPOE,UPNP,SMTP
Access protocol	Slink, Onvif, GB28181
Security Mode	Authorized username and password, HTTPS encryption, AES connecting encryption, RTSP verification
Cyber Security	HTTPS / IP Filter / IEEE 802.1X / Blacklist & whitelist / account security / serial password
Network	1 RJ45 10M/100M self-adaptive Ethernet port
Online Connection	Support simultaneous monitoring for up to 4 users. Support multi-stream real time transmission

		P2P, access individually through App
Remote View		P2P QR Code, DDNS
Connectivity		Wi-Fi Support Camera can be accessed Without NVR P2P, Through Application
Max users		4（2 mainstream，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, Android, IOS, Windows
Web Browser		Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11
		Plug-in free live view: Chrome 57.0+, Firefox 52.0+

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

GENERAL

Storage Conditions		-30 °C to 60 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing)
Power Supply		DC12V /PoE (option)
Edge Storage		Built-in micro SD card slot, up to 256GB
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
Housing		IP67 metal case IK-10 vandal resistant
Software Reset		Yes
Address	India	1. Techno Support Al-Ameen 2nd gate Opp, Ground, 13, Athani Road, Vijayapura, Karnataka, 586108
		2. Techno Support, Polymer shapes, Railway Parallel Rd, 4th Block, Kumara Park West, Sampangiram Nagar, Bengaluru, Karnataka 560020
		3. Techno support, Tilak Nagar, Krishna Park,old Mahavir Nagar, Galli no 8, beside Singh Gurudwara, Delhi -110018
	Taiwan	Taiwan - Techno Support, 8F., No.172, Sec. 2, Linghang N. Rd. Zhongli Dist,. #124 Taoyuan City,

		320014 Taiwan
APPROVAL		
EMC	FCC (FCC/23M02012); CE	
Safety	UL/23M02014; BIS IS 13252(PART 1):2010/ IEC 60950-1: 2005: IP67	
Environment	CE-ROHS, REACH	
Ingress Protection	Weatherproof IP67; IK10	
WARRANTY		
Product Warranty	5 Years	

Please note: That the camera's casing will be varies; however, all specifications will remain the same.