

Network Camera

GuardianEye Pro+

AI Camera Series

The Guardian Eye Pro + Varifocal Outdoor Camera is a high-end security camera with variable focal length for flexible zoom and focus adjustments. Designed for outdoor use, it likely features high resolution, infrared night vision, motion detection, remote monitoring, and may support cloud or local storage. Check the manufacturer's website for the latest details.



MODEL NO: TS-CCNV55-BMW2I642

Main Features

- 1/2.7 in. 5MP Progress-scan CMOS Sensor.
- AI Coding, Smart H.265+ and Smart H.264+ Dual Codec.
- 5MP (2960 x 1668) at 20 fps.
- Analytics+ Function: Perimeter Protection, Smart Motion Detection+.
- True Wide Dynamic Range (120 dB), Day/Night IR Cut Filter.
- Maximum IR LED Distance of 60.0 m (196.85 ft.)
- IP67 Ingress Protection
- Five-year Warranty*
- Support Onvif, email, NTP service
- Support auto-electronic shuttle to suit different surveillance environment
- Support 3D DNR and digital WDR





Specifications

Camera	
Model No	TSCCNV55BMW2I642
Image Sensor	1/2.7 in. 5MP Progress-scan CMOS Sensor
Min.Illumination	0.008 Lux @ F1.2, AGC ON; 0.01 Lux @ F1.6, AGC ON; 0 lux with IR
Lens	Motorized lens
D&N	IR cut filter with auto switch
Wide dynamic	True WDR, 120dB
D-WDR	D-WDR (Off/Low/Middle/High)
IR Distance	Up to 70m
Digital Noise Reduction	3D DNR
3D DNR	Off/Low/Middle/High/Higher
Video Privacy	4 zones video mask
Mirror	Off/horizontal mirror/vertical mirror/180° flip
Lens Type	2.8 - 12 mm, motorized varifocal zoom lens, auto focus
Intelligent function	
Perimeter Protection	Line crossing, region Entering/Exiting/ Intrusion (human/motor vehicle/ non-motor vehicle classification)
Target Counting	Line crossing human/ motor vehicle/non-motor vehicle counting
Exception Detection	Scene change, video blur and video color cast detection
Face Detection	Face Detection
Alarm Triggers	Motion detection, Intelligent video analytics, Network disconnect, video tampering, IP address conflict, illegal login, HDD full, HDD error, Alarm input, Alarm output
Edge Storage	Built-in micro SD card slot, up to 256 GB
NVR linkage	Support large-screen linkage video recorder, local voice, AI recording, push and other functions
Audio & Video Encoding	
Max. Resolution	5MP(2592×1944)
Main Stream	5MP(2592×1944), 4MP(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P (1280×720), D1, CIF, 480×240)
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	128 Kbps - 10 Mbps
Audio Standard	G711ulaw / G711alaw
Voice Announcements	Support voice broadcast after human detection.
Bit Rate Control	CBR/VBR
Video Compression	H.265 / H.264 / MJPEG





Specifications

Network	
Network protocol	1 RJ45 10M/100M self-adaptive ethernet port
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)
Remote Monitoring	Webviewer browsing
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 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
Human detection	It supports human detection and can detect human shape for intelligent alarm.
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	
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	
Product Warranty	5 Years

