

4G 4K 48X Zoom 7 inch Wiper Full Color HD Vision RTMP Live Broadcast Smart PTZ Camera



Key Property:

- Adopt external circulation cooling air duct heat dissipation technology and video analysis and dimming technology to improve the overall service life of the product by more than one time;
- Automatic defrosting and fog removal function (manually opened), external wiper design to ensure clearer video definition;
- Built-in intelligent 4G module, support 4G / WiFi / cable connection, no broadband network with 4G traffic, broadband network with WiFi / network cable connection;
- 1 / 2. 7-inch 8-megapixel SONY IMX415 sensor with minimum illumination color 0.01 Lux; with 1T computing power;
- Support 2 video and 1 audio. Two channels independent, 30 frames per second 8 million active video;
- Adopt the appearance of all metal ball machine, 24G full net-com, full frequency band, high gain, full directional dedicated antenna;
- 48X optical zoom, 2X digital zoom; horizontal 360 ° infinite rotation, 100 ° vertical; horizontal speed 0.01-120 ° / s, 0.01-100 ° / s;
- Support 256 preset bits 8 group cruise 8 group scanning, horizontal scanning, 2 point area scanning, random scanning;

- Support low code stream, low illumination, low power consumption, support Smart H.265 +, H.265 / H.264 optional; realize ultra-low storage;
 - Support HTTP / RTSP / RTMP / GB28181 / ONVIF / DHCP / NTP / P2P network protocol / docking protocols;
 - Web Server; support computer / mobile web access;
 - P / N standard is optional, supporting automatic white balance, 3D noise reduction, HDR up to 128DB; code stream / frame adjustable;
 - Support smart IR to prevent overexposure at night; support face overexposure, support forced anti-flash and fog removal function;
 - Support anti-static, surge prevention and over-voltage protection; 2KV lightning protection design;
 - Code stream smooth setting, adapt to different requirements of image quality and fluency in different scenarios;
 - 9 efficient dot matrix infrared lights + 4 efficient lattice warm lights, night vision 1-160 m; 48 x zoom HD lens;
 - Night vision full color hd ICR filter to achieve real night vision full color video effect; support two sets of parameters day and night, support soft light sensitivity;
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- Support mobile detection, IO alarm input and output (customization) and OSD customization, support JPEG graphics;
 - Support 64G / 128G / 256G memory card localized storage;
 - Support G711U / G711A / AAC audio encoding, and support two-way intercom;
 - Built-in HD fidelity pickup, sound and video synchronous monitoring live broadcast;
 - support image flipping, support digital wide dynamic;
 - support dual code stream, support computer mobile phone monitoring live broadcast;
 - support backlight compensation, automatic electronic shutter function, to adapt to different monitoring environment;
 - complete functions: heartbeat, mirror, etc.;

- support a variety of intelligent alarm, support alarm voice linkage and custom voice;
support MP3 file playback;
- Support mobile detection and alarm video, IO video and timing video;
- Support timing maintenance function;
- Support DHCP, easily realize dynamic IP address;
- Support Onvif; IP address filtering;
- Start the initial device to modify the password, ensure password security;
- Meet the dust-proof and waterproof design, IP66 waterproof grade, high reliability;
- Remote modification of the push stream address and other monitoring live broadcast parameters;
- Support automatic loop playing background music function;
- Support 4 deployment modes: cross-border detection, entry area, leaving area and area invasion;
- Motor vehicles, non-motor vehicles and pedestrians can be classified and tested;
- Video code rate of 64 Kbps-12Mbps is continuously adjustable, and the frame rate (5-30) is continuously adjustable;

Product Superiority:

1. 4G 4K 48 times 6-inch wiper full-color monitoring live broadcast intelligent ball machine, a ball machine is a set of monitoring live broadcast system; support 360 degree rotation, 48 times optical zoom, metal appearance, IP66 waterproof grade; support defrosting, defogging function and wiper function; can remotely modify the push flow address and other parameters;
2. Built-in intelligent 4G module, places without broadband network can realize real-time monitoring live broadcast; in addition, solar power supply system can realize real-time monitoring live broadcast without power;
3. Support 4G / WiFi / wired connection, no 4G traffic with broadband network, broadband network available WiFi / cable connection;
4. Can not only monitor video, but also real-time monitoring live sharing to create more commercial value;

5. Beautiful World. Smart scenic spot. City surveillance live broadcast. 5G monitoring of live streaming. Financial media monitoring live broadcast. Central video surveillance live broadcast. Outdoor monitoring live broadcast and other monitoring live broadcast;
6. No downloading and installing APP, simple and practical; no limit to the number of viewers to create more commercial value;
7. RTMP push stream live HD camera; can generate monitoring live broadcast QR code, just scan the code to watch monitoring live broadcast;
8. Access to the website. Official Accounts. small routine. APP; docking TikTok. quick worker. Video number. Video number. east of Beijing. wash in a pan or basket gambling device. Pinduoduo and other platforms;
9. Support GB28181 protocol; can receive public security. foodstuff. construction plant. produce. education. raise livestock. Tourism and other regulatory department platform;
10. Support built-in card, memory card storage and video recording;
11. High-efficiency dot-matrix infrared lamp + 4 high-efficiency warm lights, night vision 1-160 m; 48 x zoom HD lens;
12. Built-in high-definition fidelity pickup, sound and video synchronous monitoring live broadcast; DC12V power supply;
13. Free centralized management platform, can realize centralized management broadcast surveillance camera, effectively improve work efficiency;
14. Configure high definition high power speaker, APP voice intercom, intelligent voice alert alarm;
15. Horizontal 360 degrees infinite bit rotation, 100 degrees vertical; horizontal speed 0.01 degree-120 degrees / s, vertical speed 0.01 degree-100 degrees / s; support 256 preset bits 8 group cruise 8 group scanning, support horizontal scanning, 2 point area scanning, random scanning

Product Parameter:

Model	Model	IP4-DNK-455
	Name	4G 4K 48X Zoom 7 inch Wiper Full Color HD Vision RTMP Live Broadcast Smart Camera
	Applied to real-time live broadcast in scenic spots, real-time live broadcast on roads, and important places	
Smart ball machine	Sensor type	8MP 1/2. 7 " CMOS SONY IMX415
	The main chip	SSC339G Dual-core CA7 processor, main frequency 1.2GHz plug-in 4 G DDR
	minimal illumination	0.0 1Lux @(F1.2,AGC ON) ,0 Lux wit IR
	Main stream	8MP=3840*2160@30fps;6MP= 3072*2048 5MP=2592*1944/4MP=2560*1440 3MP=2304*1296@30fps; 2MP=1920*1080@30fps;1280*720@30fps;
	Sub-stream	720*480/D1/VGA/640*360@30fps
	Shutter	1/3 sec to 1/100,000 seconds
	Camera Lens	48X optical zoom lens
	Day and night Mode	ICR full-color filter
	Angle	Support 360 degree horizontal and 100 degree vertical rotation
	Speed	Horizontal speed 0.01-120 degrees / s and vertical speed 0.01-100 degrees / s
	Presetting Bit	Support for 256 preset bits
	Scan	8 sets of cruise 8 sets of scans, supporting horizontal scanning, 2-point area scanning, and random scanning
	Wide Dynamic Range	128 dB
	Digital Noise Reduction	3D Digital Noise Reduction
Compression standard	Video Compression	H.265+ / H.265 / H.264 / MJPEG
	H.265 Encoding Type	High Profile
	Compresses Code Rate	32 Kbps~8Mbps
Picture	Default Picture	8MP=3840*2160P

	Frame Rate	50Hz:1-60fps
	Image Settings	Sharpness, brightness, contrast, saturation and other adjustable through the client or IE browser
	Video Processing	Support automatic white balance, strong light suppression, wide dynamic mode, face protection against overexposure
	Privacy Block	support
	Video coding mode	Normal mode, forced frame rate mode, super starlight mode
	Video Flip	Support for video horizontal and vertical flip
Network function	Interface protocol	ONVIF,RTSP ,GB/T 28181/RTMP
	4G module	Built-in industrial-grade full net-com intelligent 4G module
	warning notice of intelligence	Mobile detection IO alarm output input (custom)
	Support agreement	TCP/IP,ICMP,HTTP,DHCP,DNS,DDNS,RTSP,RTMP, GB/T28181P2P, NTP,ONVIF
	General function	Anti-flicker, dual code stream, heartbeat, mirror image, password protection, IO input alarm, IO alarm output, video loss alarm, privacy cover OSD
Joggle	communication interface	1 RJ45 10M / 100M Adaptive Ethernet port
General specification	attended mode	4G network / wired network / WIFI
	Operating temperature and humidity	-30℃ ~60℃, humidity is less than 95% (no condensation)
	power suppl	DC12V ± 25% / PoE(802.3af) needs to be customized
	power dissipation	8W by day; 33W by night vision
	levels of protection	IP66 Waterproof Rating
	size (mm)	265mm* 255mm* 435mm
	weight	5kg

	remarks	* Configure the DC12V $\Phi 5.5 \times 2.1$ MM round-head power supply
	Full color night vision distance	1-160 meters