▶ **Feature:**

1. Image sensor: 2.07 million high-quality CMOS image sensor
2. Wide-angle distortion-free lens: 78° wide viewing angle lens, optical zoom reaches 12 times
3. Wireless support: 2.4G / 5G dual-mode Wi-Fi, Bluetooth 5.0, convenient for customers to directly connect to wireless applications, such as wireless screen projection, Bluetooth speakers, etc.
4. Dual-screen display: supports dual-channel HDMI output, which can display the main and auxiliary streams in full screen respectively
5. Multiple video compression standards: supports H.265/H.264 video compression
6. Advanced focusing technology: Advanced auto-focusing algorithm enables the lens to complete auto-focusing quickly, accurately and stably
7. Low noise and high signal-to-noise ratio: Low noise CMOS effectively guarantees the ultra-high signal-to-noise ratio of the camera video, and adopts advanced 2D and 3D noise reduction technology to further reduce noise while ensuring image clarity
8. Fully open API: Fully open API supports the development of third-party applications, making it easy for customers to realize customized needs through secondary development
9. Silent PTZ: High-precision stepper motors and precision motor drive controllers are used to ensure that the PTZ runs smoothly and noise-free

▶ **Specification:**

System	SOC, RK3588; RAM/ROM: 8G/32G
Camera	
Image sensor	2.07 million pixel high-quality CMOS image sensor
Lens angle of view	D: 7.5° - 78.3°; H: 6.6° - 70.2°; V: 3.7° - 42°
Zoom	12x optical zoom
Video output	Maximum output 1080P
Audio	
Microphone	Built-in 2x electret microphone;
Audio processing	Automatic echo cancellation (AEC), automatic gain control (AGC), automatic noise suppression (ANS)
Controller	Infrared remote control
Encoding and decoding capabilities	

Encoding	Supports 8K@30Hz in theoretical peak state
Decoding	Supports 8K@60Hz in theoretical peak state
Physical interface	
Display interface	2x HDMI OUT, HDMI 2.0, support dual-screen display
Content input	1x HDMI IN, HDMI 2.0
USB interface	2x USB 3.0; 1x Micro USB debugging port
Wireless interface	2.4G / 5G dual-mode Wi-Fi, Bluetooth 5.0
Audio interface	1x 3.5mm linear output; 1x LINE IN input, 3-pin Phoenix terminal; 1x MIC IN input, 3-pin Phoenix terminal (with phantom power)
Network interface	1x 10/100M RJ45 network port
Power interface	HEC3800 power socket (DC12V)
Wall mount bracket	optional wall mount bracket/ceiling mount bracket