

- . Uses a high performance 8 megapixel 1/2.7 inch high resolution CMOS sensor
- . Unique high sensitivity, low noise technology, with excellent image recognition and detection capabilities, as well as excellent low light performance, can capture clear images in dark environments.
- . Supports H.265/H.265+ encoding, reduces storage by half, and ultra-low bit stream
- . Supports 3D digital noise reduction and wide dynamic range
- . The far infrared monitoring distance is 30 meters
- . Effective pickup range of 5 meters
- . Dustproof and waterproof design in accordance with IP66, high reliability
- . H.265+/H.265, flexible encoding, suitable for different bandwidth and storage

environment

product model	C180
product SKU	1PC-1808W-US
Hardware version number	HW.V1.HH613.8
pixel	8MP (3840×2160)
Maximum image size	3840×2160
Aspect ratio	16: 9
frame rate	20fps
Computing power	1TOPS (INT8) 1 TOPS = 10^{12} TOPS (1 trillion integer operations per second)
Digital noise abatement	3D digital noise reduction
Backlight compensation	support
Wide Dynamic	/
Strong light inhibition	support
Day and night switching thresholds	Soft photosensitivity: <2Lux during day and night;> 4Lux during night and day
Day and night mode	ICR infrared filter type
Image sensor type	1/2.7" Progressive Scan CMOS
Image sensor technology	BSI

resolution ratio	HD 3840×2160 Standard definition 640×360
Code stream type	Variable bit stream
Image Settings	Supports HD/standard definition; supports watermark; brightness/chroma/saturation/contrast (NVR adjustment)
Video compression standard	H.265(Main Profile)/H.264
code check	HD: 5Mbps Standard definition: 512Kbps
Type of rate code	Bit rate variation
Audio sampling rate	8Khz
Audio bit rate	128kbps
Audio Compression Standard	G.711A
Camera interface type	M12
Lens focal length	4.0mm
Type of focal length	fixed focal length
Aperture type	Fixed aperture
lens aperture	F1.6
angle of field	Horizontal visual field (H-FOV): 87.2° Vertical view (V-FOV): 46.8° Diplopia (D-FOV): 104°
Monitoring distance	Best distance 8 meters maximum monitoring distance 15 meters
Monitoring area(m²)	Best monitoring range (height = 2.5m) 60 m² Maximum monitoring range (height = 3.5m) 160 m²
Night vision type	Black and white night view
lamp panel	4 infrared lights
Power (single lamp)	1W
Night vision fill light mode	Infrared backlights
Infrared wavelength	850nm (visible light)
Infrared night vision distance	30 metres
Mobile detection	support
Humanoid detection	support
Vehicle inspection	support
Face detection	support

Regional testing	Support (area intrusion/area exit/unmanned detection/passage detection/wandering detection)
passenger flow statistics	support
Alarm linkage	APP message reminding
Privacy overhang	Supports customization of 5 areas
sound recording	support
Distribution networks	Wired connections
Supporting agreements	IPv4; TCP; UDP; RTSP; RTP; DHCP; NTP; onvif
firmware upgrade	Local upgrades are only supported
local-storage	NVR lay in
Local model	Full-time video/alarm video
Local storage resolution	Master Code Stream
Local storage format	Video stream (NVR local storage)
Cloud storage	/
Wired network port	Supports RJ45 10M/100M adaptive Ethernet port
memory interface	/
Audio input	Built-in high sensitivity microphone
key	/
Product material	Body (aluminium)
classification of waterproof	IP66, waterproof and dustproof
Working temperature, humidity	-10°C ~ 55°C, humidity less than 95% (no condensation)
power suppl	POE IEEE 802.3af 48V DC12V
Power interface	Type Ø 5.5 mm round mouth
size (mm)	φ70*148.5mm
weight (g)	370g (bare machine)
way to install	Wall mount/hang (accessories include screws)
Support client	App: Zosi Smart PC end : AVSS (such as remote viewing, alarm push, multi-device management)
security certificate	FCC、CE、TELEC、IC
List of package components	Camera host, network cable, screw pack, instructions
usage scenario	Home indoor/outdoor/business

