- · 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

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)			
Computing power	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 assistahing the salas	Soft photosensitivity: <2Lux during day and			
Day and night switching thresholds	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			

and that an arabi	HD 3840×2160		
resolution ratio	Standard definition 640×360		
Code stream type	Variable bit stream		
	Supports HD/standard definition; supports		
Image Settings	watermark; brightness/chroma/saturation/contrast		
	(NVR adjustment)		
Video compression standard	H.265(Main Profile)/H.264		
code check	HD: 5Mbps		
code check	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		
	Best monitoring range (height = 2.5m) 60 m ²		
Monitoring area(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		
	1.1		

detection/passage detection/wandering detection) passenger flow statistics Alarm linkage APP message reminding Privacy overhang Support sustomization of 5 areas sound recording Distribution networks Supporting agreements IPv4; TCP; UDP; RTSP; RTP; DHCP; NTP; onvif firmware upgrade local-storage NVR lay in Local model Local storage resolution Local storage format Cloud storage Wired network port memory interface Audio input key Product material classification of waterproof Working temperature, humidity Power interface Type 0 5.5 mm round mouth weight (g) way to install Wall mount/hang (accessories include screws) App: Zosi Smart PC end: AVSS (such as remote viewing, alarm push, multi-device management) Supports client FCC, CE, TELEC, IC Camera host, network cable, screw pack, instructions					
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usage scenario Home indoor/outdoor/business	List of package components				
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