

Specifications

Camera		
Main chip	HISILICON 3516C	
Sensor	1/2.9" Progressive Scan 2.0-megapixel CMOS, SONY IMX323	
Angle of View	91° -28°	
Sensibility	Color: 0.01Lux@F1.2, black and white: 0.001 Lux@ F1.2, 0 Lux with IR on	
Lens	Motorized Autofocus 2.7-13.5mm 5X lens; (20X optical zoom lens Optional)	
Motorized control	Support mobile APP/CMS PTZ control	
Day/night	Auto ICR (IR cut filter with auto switch)	
DNR	3D DNR	
WDR	D-WDR, 96DB	
Shutter	1-1/1000s	
White Balance	Auto/manual/ATW/indoor/outdoor/daylight lamp/sodium lamp	
Smart defog	Supported	
AGC	Auto/manual	
Privacy masking	Support 4 rectangle areas	
Compression & Coding		
Video compression	H.264/ MJPEG	
Codec	H.264 HP/MP/BP, motion JPEG	
Bit rate	32Kbps—6144bps, can auto setting,INIT setting:2048Kpbs	
Dual stream	Mainstream support maximum 2MP(1920*1080), sub stream supports D1 (706*574), VGA(640*480), HVGA(640*360), CIF(352*288)	
Image adjustment	Mirroring, flip, saturation, brightness, sharpness, contrast adjustment, exposure, BLC, WDR, defog, shutter, IRIS, LDC etc.	
Audio codec	G.711A, G.711U	
PTZ Parameter		
PTZ Parameter	Rotation speed	0.1° ~40° /s horizontal direction 0.1° -40° /s vertical direction
	Advance setting speed	40° /S Horizontal 40° /S Vertical
	Rotation range	0.1° ~40° /S Horizontal direction 0.1° -40° /S Vertical direction
	A-B scanning	Any setting
	A-B scanning speed	Three stalls setting
	Number of presets	128
	Patrol	8 patrols, 8 presets per patrol
	Power loss recovery	Supported
Park action	Preset/patrol/pattern/pan scan	
Local storage	Maximum 128GB TF card, notice:64G, 128G need FAT32 format	
Voice Function	1 line input, 1 line output (optional)	
Alarm Function	1 line input, 1 line output (optional)	
Move Object Check	Set 4 independent check area(legibility 1-100 optional)	

Network							
Network CODE	User management		Support multiple-user, multiple-level user rights management				
	Network protocol		TCP/IP, HTTP, DDNS, PPOE, NIP, FT				
	Access protocol		ONVIF Standard				
	Remote server		Support remote setting, remote upgrade				
	WEB server		Built-in web server				
	Network bandwidth		64Kbps-12Kbps				
4G module function	Network type		FDD-LTE TDD-LTE WCDMA/HSDPA/TD-SCDMA EDGE/GPRS/EDGE				
	Frequency scope		LTE B1/B3/B8/B38/B39/B40/B41(B7/B20/B28/B2/B4/)				
			TD-SCDMA B34/B39				
	Data rate		WCDMA 2100M/900M GSM 900M/1800M				
			LTE FDD/TDD (CAT.4) DL:150Mbps UL:50Mbps				
	Ethernet network		3G HSDPA+ DL:21Mbps UL:5.76Mbps				
			RJ45 interface 10/100M LAN				
	USIM/SIM		Micro SIM card slot				
	Wi-Fi standard		Protocol: 802.11 b/g/n , up to 72Mbps				
	Wi-Fi frequency		2412MHZ—2472MHZ				
Wi-Fi security mode		Open, WPA-PSK,WPA2-PSK					
3G/4G Standard (Bands and Frequencies)							
	4G FDD-LTE		4G TDD-LTE		3G WCDMA/TD-SCDMA		2G(EDGE) (GSM)
African	B1	2100MHZ	B38	2600MHZ	B1(MCDMA)	2100MHZ	900MHZ
Europe	B3	1800MHZ	B40	2300MHZ	B8(MCDMA)	900MHZ	1800MHZ
Asia	B7	2600MHZ	B41	2500MHZ			
	B8	900MHZ					
	B20	800MHZ					
South America	B1	2100MHZ	B2(WCDMA)	1900MHZ			900MHZ
North America	B2	1900MHZ	B5(WCDMA)	850MHZ			1800MHZ
	B4	1700MHZ	B4(WCDMA)	1700MHZ			
	B12	700MHZ					
	B13	700MHZ					
Japan	B1	2100MHZ			B41(TDD)	2500MHZ	
	B3	1800MHZ			B1(WCDMA)	2100MHZ	
	B8	900MHZ			B6(WCDMA)	800MHZ	
	B18	850MHZ			B19(WCDMA)	800MHZ	
	B19	800MHZ					
	B26	850MHZ					

Solar parameter		
Solar parameter	Apex power	60W
	Battery size	125*41.66MM 36pcs 4*9, monocrystalline silicon
	Power range	+3%
	Apex voltage	18.17V

	Apex ammeter	3.30A
	Short circuit AMM	3.7A
	System max voltage	1000V
	Diode	0by-pass
	Battery life time (fully charged) without receiving charge when there are cloudy days	20Ah: 2-3 days 30Ah: 3-4 days 40Ah: 4-5 days
General	Power supply	DC12V ± 10%2A
	Power consumption	3W(close night LED) , 8W(turn on night LED)
	Storage condition	-40 ° C~+80 ° C@humidity 10%~ 95%
	Housing	Powder Coating White
Solar Component	Energy	Guaranteed 90% energy consumption
	Solar panel size	63x57x3cm
	Shell material	Aluminum alloy
	Stent material	Aluminum alloy
	Input voltage	DC12V 2A standard
	Power consumption	Day: <10W Night:<15w
	Work temperature	-40 ° C~+80 ° C@humidity 10%~ 95%
	Installation method	Wall assembly / hoisting assembly
Package	Size	75*25.5*79cm
Weight		14.5Kg / 32Lbs

Dimensions:

