

WNP-1418XC

18X Optical Zoom High Speed Dome Camera

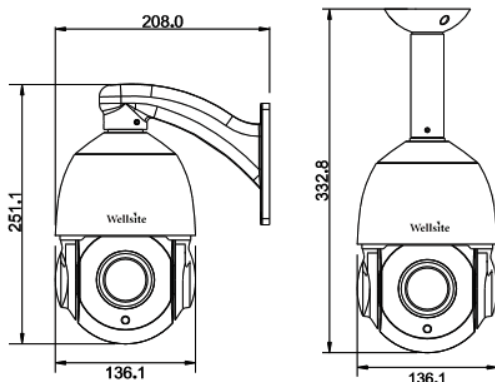
Technical Specification



Key Features

- ▶ 5" Weatherproof HD IP Medium Speed Dome Camera.
- ▶ 1/3" OmiVision OV4689 4.0MP Progressive Scan CMOS Sensor.
- ▶ 18X Optical Zoom, 30x Digital Zoom.
- ▶ Shutter Speed 1/1 sec ~ 1/30,000 sec.
- ▶ Pan Range: 360° Speed: Max.120°/sec.
- ▶ Tilt Range: 93° Speed: Max.90°/sec.
- ▶ Support AWC, AGC, Day/Night, DWDR, 3D NR.
- ▶ Embedded (IR-Cut Filter) provides Enhanced Picture & Color Quality.
- ▶ Support Main Stream, Sub Stream, MJPEG.
- ▶ Support TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QOS, HTTPS.
- ▶ Support Android and iPhone platform smartphone.
- ▶ PC software and mobile phone client are included, easy remote network surveillance.
- ▶ Support Max. 64Gb Micro SD Card.
- ▶ Support Integrated ONVIF standard, Compatible with brand NVR such as Hikvision, Dahua and so on.
- ▶ Military circuit design, IP66, anti surge, anti lightning (prevent the 6000V transient voltage).
- ▶ Standard H.264 and H.265 the transmission of high definition video.
- ▶ Unique 3D positioning function, to capture the goal is more convenient, accurate, and fast.

Dimensions



Model	WNP-1418XC	
Camera		
Image Sensor	1/3" OmiVision OV4689 4.0MP CMOS Sensor	
Effective Pixels	4MP (2592x1520)	
Scanning System	Progressive Scan	
Min. Illumination	Color: 0.1Lux, B/W: 0Lux	
White Balance	Auto/ Manual/ Sun light/ Cloudy/ Incandescent light/ Cool white fluorescent light/ Sodium light	
Shutter Speed	1/1 sec - 1/30,000 sec	
S/N Ratio	>50dB	
Wide Dynamic Range	DWDR Level: 0 ~ 255	
HLC/BLC/DWDR	Auto/Manual	
Gain Control	Auto/Manual, 1X ~ 64X	
Noise Reduction	3D NR	
Day/Night	Auto(IR-CUT Filter)/Color/B/W	
IR LEDs	6pcs Array, 60M Night Vision Distance	
IR LEDs Mode	Outcontrol/ Night/ Day/ Auto	
Motion Detection	On/ Off	
Privacy Masking	4 zone	
Region of Interest	4 zone	
Lens		
Focal Length	f=4.7 ~ 94mm. Varifocal lens	
Optical Zoom	18X Optical Zoom	
Digital Zoom	30X Digital Zoom	
Iris	F1.6 ~ F2.8	
Focus	Manual/Auto/Semi-Auto/One Push	
Pan and Tilt		
Panning Range	0° ~ 360° (endless)	
Panning Speed	Max.120°/sec (proportional to zoom ratio)	
Tilting Range	0° ~ 93° (upward-level-downward)	
Tilting Speed	Max.90°/sec (proportional to zoom ratio)	
Number of Preset	Up to 220 preset (support custom preset function)	
Pattern	4 Pattern (ten minutes)	
Guard Tours	4 Groups	
PTZ Protocol	Pelco-D, Pelco-P, Samsung, Pelco-DH, Pelco-HK	
Baud Rate	1200/ 2400/ 4800/ 9600bps	
Video		
Video Compression	H.264, H.265, MJPEG	
Video Stream	Main Stream	2592x1520, 2304x1296, 1920x1080, 1280x960
	Sub Stream	640x480, 480x360, 352x288, 320x240, 176x144
	MJPEG	1280x720
Video Frame Rate	4MP@22fps, 3MP@30fps, 2MP@30fps, 1.3MP@30fps	
Video Bit Rate	CBR(32kbps ~ 16Mbps), VBR	
Audio (Optional)		
Audio Compression	G.711a/ G.711u/ PCM/ G726/ ACC	
Audio Sample Rate	8k, Input volume: 1 ~ 10	
Audio In/Out	1CH/1CH	
Network		
Ethernet	RJ-45 (10/100Base-T) Ethernet interface	
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QOS, HTTPS	
Compatibility	ONVIF 2.4	
Alarm (Optional)		
Alarm Mode	Motion Detection, Occlusion & Memory error alarm	
Alarm Action	Send alarm photo to your email	
General		
Character Display	Support 5 zone, 36 Character	
SD Card	Support up to 64G Micro SD Card	
Power Supply	DC12V 3A	
Power Consumption	Day: less than 3W; Night: less than <25W	
PoE	(Optional)	
Temperature	-40° ~ +60°	
Operating Humidity	10% ~ 95% (Non-condensing)	
Protection Grade	IP66, Built-in Surge and Lightning Protection Devices 6000V Transient Voltage	
Dimension	251.1mm x 208.0mm x 136.1mm	
Weight	3.0Kg (with wall mounting bracket)	