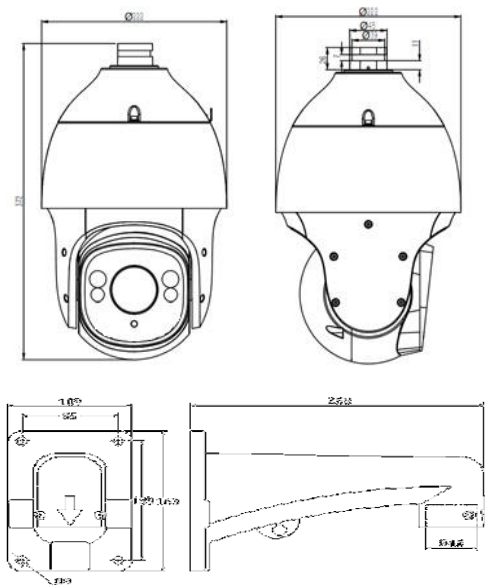




Features

- 1/2.8" CMOS Sensor
- Resolution: Up To 1920 X 1080 @ 25 / 30fps
- H.265 Video Compression
- 5.2mm~98mm Lens, 20X Optical Zoom, 16X Digital Zoom
- Smart IR, IR Distance upto 100 mtr
- Starlight Ultra Low Light 0.002lux
- Triple Stream
- Speed Max 400°/s, -16°~90° Tilt Angle
- Mechanical WDR 140dB, 3DDNR, HLC, BLC, Smart Defog, ROI, Privacy Mask
- Built-in Mic, Audio I/O 1/1, Alarm I/O 1/1,
- MicroSD Card Slot supports up to 128GB, Reset Button
- **Analytics:** Tripwire / Double Tripwire / Perimeter / Object Abandon / Object Lost / Running / Loitering / Parking / Crowd / Audio Abnormal Detection / Video Abnormal Detection
- **Alarm:** Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
- 6000V Lightning/Surge Protection
- IP66, Metal

Dimensions



Camera	
Image Sensor	1/2.8" CMOS
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.002 Lux @(F1.5,AGC ON) Black&White:0.001Lux @(F1.5,AGC ON) 0 Lux with IR
White Balance	Auto/ ATW/ Manual
AGC	Auto/ Manual
S/N Ratio	≥ 55dB
BLC	Y
HLC	Y
Smart Defog	Y
WDR	100dB
Digital Noise Reduction	3D DNR
Exposure Mode	Auto/ Manual/ Iris First/ Shutter First
Shutter Time	1/1s-1/100000s
Day& Night	Dual-ICR
Optical Zoom	20x
Digital Zoom	16x
Privacy Masking	24 Dynamic Privacy Masks Programmable; Optional Multiple Colors
Picture Overlay	200 x 200, BMP 24bit, Zone Configurable
OSD	16x16,32x32,24x24,48x48,64x64,96*96 Character Size, Time/ Date/ Week/ Character Superposition in 5 Regions PTZ Angle Superposition
Lens	
Focal Length	5.2mm~98mm
Zoom Speed	Approx. <4s(Optical Wide-Tele)
Angle of View	55.8°(w)~3.2°(t)
Aperture Range	F1.5-F3.0
Pan & Tilt	
Pan Range	360° Endless
Pan Speed	Pan Manual Speed: 0.1° -180°/s Pan Preset Speed: 400°/s
Preset Accuracy	±0.2°
Tilt Range	-16°-90° (Auto Flip)
Tilt Speed	Tilt Manual Speed: 0.1°-120°/s Tilt Preset Speed: 180°/s
Proportional Zoom	Rotation Speed Can Be Adjusted Automatically According to Zoom Multiples
3D Position	Y
Number of Preset	500
Scan	8
Cruise	8, up to 32 Presets per Cruise
Pattern	8, Each One With 600s Memory or 300 Orders
Power Loss Recovery	Y
Guard Action	Preset/ Cruise/ Pattern/ Scan
PTZ Position Display	Y
RS-485 Protocols	PTZ_PELCO_D, PTZ_PELCO_P, PTZ_TC615_P, DOME_PELCO_D, DOME_PELCO_P, DOME_PLUS
Infrared	
IR Irradiation Distance	80~100m
IR Irradiation Angle	Adjustable by Zoom
Interface	
Audio Input	1-ch W/M In-Line In Interface
Audio Output	1-ch Line level, Impedance: 600Ω
Communication Interface	1-ch RJ45 10M/ 100M Ethernet Interface and
Alarm Input	1-ch
Alarm Output	1-ch
On-board Storage	MicroSD Card Slot, up to 128GB
BNC Output & RS485	N/A
Extension	N/A
Network	
Ethernet	10Base-T/100Base-TX RJ45 Connector
Max. Image Resolution	1920x1080
Main Stream	1920x1080@25/30fps; 1280x960@25/30fps; 1280x720@25/30fps;1280x720@50/60fps 704x576@25/30fps;704x480@50/60fps
Sub Stream	704x576@25fps/704x480@30fps 352x288@25fps/352x240@30fps 176x144@25fps/176x120@30fps
Third Stream	352x288@25fps/352x240@30fps
Image Compression	H.265/MJPEG/H.264 Encoding with Baseline/Main/High Profile
ROI Encoding	7 Dynamic Areas for Both Main and Sub Stream
Audio Compression	G711A/G711U/ADPCM/AAC
Protocols	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP/ IPV6/SNMP/SMTP
No. of Simultaneous Users	2 Users Access at the Same Time
User/Host Level	Up to 32 Users, 4 Levels
Web Browser	IE8,IE9,IE10, Chrome8+,Firefox3.5+
System Compatibility	ONVIF (Profile S), SDK, CGI
Advance	
Video Analytics	Tripwire, Perimeter, Counting, Loitering/Crowd/Parking Detection, Missing/Foreign Object/Motion Detection
Intelligent Alarm	Cover Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
General	
Language	English, Spanish, Korean, Italian,Turkish,Thai, Russian, Traditional Chinese.
Operating Conditions	-40°C-70°C, 0~95% RHG
Power Supply	DC12V, POE+
Power Consumption	12.05W(IR OFF)/21.18W(IR ON)
Circuit Protection	6000V, Lightning/ Surge 4000V Protection
Impact Protection	IP66
Wiper	N/A
IR LEDs	4pcs
Dimensions	372mmx222mmx222mm
Weight	5KG (IP PTZ Only), 8.45KG (with Packing Box)