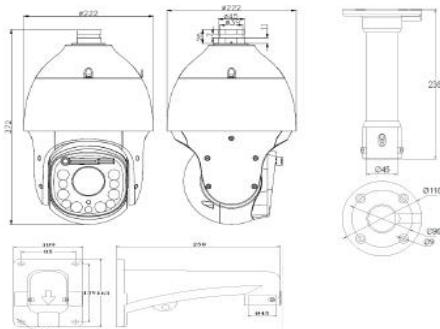




**Features**

- 1/1.8" CMOS Sensor
- Resolution: Up to 1920X1080@60fps
- H.265 Video Compression
- 6 - 264mm Lens, 44X Optical Zoom, 16X Digital Zoom
- Smart IR, IR Distance up to 450 mtr
- IR LED+White Light+Green Laser
- Super Starlight Ultra Low Light 0.0004lux
- Speed Max 240°/s, -16°~90° Tilt Angle
- Mechanical WDR 140dB, 3DDNR, HLC, BLC, Smart Defog, ROI, Privacy Mask
- Built-in Speaker, Audio in/out 1/1,Alarm in/out 8/2,
- MicroSD Card Slot supports up to 256GB, Reset Button,RS-485,BNC
- **Auto-tracking Early Warning(AEW):** Support perimeter alert and tripwire alert, can be linked with laser, white light, warning sound (support customized), tracking, can set customized three-level alert
- **Analytics:** Heat Map / Tripwire / Double Tripwire / Perimeter / Object Abandon / Object Lost / Running / Loitering / Parking / Early Warning / Crowd / Audio Abnormal Detection / Video Abnormal Detection / People Counting / On duty Detection
- **Alarm:** Motion Detection, Mask Alarm, Harsh Voice Alarm, Video Lost Alarm ,Cable disconnected, IP Conflict, Unauthorized Access, Disk full, disk read and write error, MAC address conflict, FTP server exception
- 6000V Lightning/Surge Protection
- IP66, Metal

**Dimensions**



<b>Camera</b>	
Image Sensor	1/1.8" CMOS
Effective Pixels	1920(H)x1080(V)
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.0004 Lux @(F1.6,AGC ON) Black&White:0.0001Lux @(F1.6,AGC ON), 0 Lux with IR
White Balance	Auto / ATW / Manual / Sunny / Natural / Warm / Fluorescent / Incandescent / Lock White Balance
AGC	Auto/ Manual
S/N Ratio	≥ 55dB
BLC	YES
HLC	YES
Smart Defog	Auto/ Manual
WDR	140dB
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	44 X
Digital Zoom	16 X
Privacy Masking	24 Dynamic Privacy Masks; Optional Multiple Colors
Auto Focus	Auto / Semi-automatic / Manual
OSD	16x16,32x32,24x24,48x48,64x64,96x96 Character Size Time/Date/Week/Character Superposition in 5 Regions PTZ Angle Superposition (support Chinese and English)
<b>Lens</b>	
Focal Length	6 - 264mm, 44x
Zoom Speed	Approx.5s(Optical Wide-Tele)
Angle of View	61.2°(w)~2°(t)
Minimum Working Distance	1-1.5m(Wide-Tele)
Aperture Range	F1.5 ~ F4.8
<b>Pan &amp; Tilt</b>	
Pan Range	360° Endless
Pan Speed	Pan Manual Speed: 0.1° -240°/s Pan Preset Speed: 240°/s stepless
Preset Accuracy	±0.2°
Tilt Range	-16°~90° (Auto Flip)
Tilt Speed	Tilt Manual Speed: 0.1°-240°/s Tilt Preset Speed: 240°/s
Proportional Zoom	Rotation Speed Can Be Adjusted Automatically According to Zoom Multiples
3D Position	YES
Number of Preset	500
Scan	8
Cruise	8, Each One With 600s Memory or 300 Orders
Power loss recovery	YES
Guard Action	Preset / Cruise / Pattern / Scan
PTZ Position Display	YES
Freeze Frame	YES
RS-485 Protocols	PTZ_PELCO_D, PTZ_PELCO_P, PTZ_TCG15_P, DOME_PELCO_D, DOME_PELCO_P, DOME_PLUS
<b>Infrared</b>	
IR Irradiation Distance	Up to 450 mtr
IR Irradiation Angle	Adjustable by Zoom
<b>Interface</b>	
Audio Input	1-ch Line in Interface
Audio Output	1-ch Line level, Built-in speaker optional
Ethernet	1-ch RJ45 10M/ 100M
Alarm Input	8-ch
Alarm Output	2-ch
On-board Storage	MicroSD Card Slot supports up to 256GB
BNC	1.0Vp-p / 75Ω, NTSC (or PAL) Composite
RS-485	1-ch
RESET	YES
<b>Network</b>	
Ethernet	10Base -T/100Base-TX RJ45 Connector
Max.Image Resolution	1920x1080
Main Stream	1920x1080@50/60fps; 1280x960@50/60fps; 1280x720@50/60fps; 640x480@50/60fps; 704x576@50/60fps; 704x480@50/60fps
Sub Stream	704x576@25/30fps; 704x480@25/30fps; 704x288@25/30fps; 704x240@25/30fps; 352x240@25/30fps; 352x288@25/30fps
Third Stream	1920x1080@25/30fps; 1280x720@25/30fps; 640x480@25/30fps; 704x576@25/30fps; 704x480@25/30fps; 704x288@25/30fps; 704x240@25/30fps; 352x240@25/30fps; 352x288@25/30fps
Image Compression	H.265 / H.265 / 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
Remote Connection	10 Users Access at the Same Time
User Permission	Up to 32 Users, 4 Levels
IP Address	Support static, dynamic IP address, Customized MTU , Customized Network card
Web Browser	IE8,IE9,IE10,Chrome8+, Firefox3.5+
System Compatibility	ONVIF (Profile S), SDK,CGI,P2P
<b>Advance</b>	
Autotracking Early Warning(AEW)	Support perimeter alert and tripwire alert, can be linked with laser, white light, warning sound (support customized), tracking, can set customized three-level alert
Video Analytics(IVA)	Heat Map / Tripwire / Double Tripwire / Perimeter / Object Abandon / Object Lost / Running / Loitering / Parking / Early Warning / Crowd / Audio Abnormal Detection / Video Abnormal Detection / People Counting / On duty Detection / Auto tracking
Smart-tracking	By Panorama / Manual / Behavior analysis Tracking
Intelligent Alarm	Motion Detection, Mask Alarm, Harsh Voice Alarm, Video Lost Alarm, Cable disconnected, IP Conflict, Unauthorized Access, Disk full, Disk R/W Error, MAC Address Conflict, FTP Server Exception
<b>General</b>	
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, Simplified Chinese, Polish, French
Operating Conditions	-40°C-70°C, 0~95% RHG
Power Supply	AC24V 3A
Power Consumption	40W MAX
Circuit Protection	6000V Lightning/ Surge 4000V Protection
Impact Protection	IP66
IR LEDs	8pcs
White LEDs	2pcs
Wiper	YES
Dimensions	372mm x 222mm x 222mm
Weight	5.45KG (IP PTZ Only), 8.15KG (with Packing Box)