

AP5Y

H.265 5MP 30x Starlight IR PTZ



Main Features



Starlight Ultra Low
Light 0.002lux



Focal length: 4.7 -
141mm



30x Optical Zoom



High Efficiency Video
Coding



Weatherproof



Operating
Temperature -30°C to
65°C



IR Range: 150m



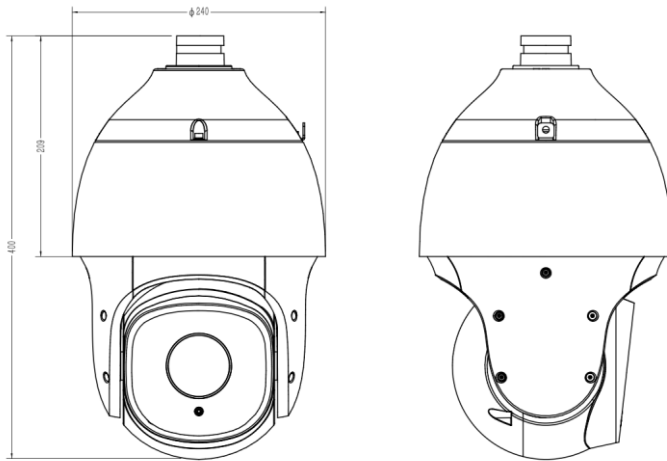
Advanced VCA
features

Specifications

Camera	
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.002Lux @ (F1.5, AGC ON)
	B/W: 0.001Lux, 0 Lux with IR
BLC/HLC	Yes
Smart Defog	
WDR	Digital WDR
Shutter Time	1/1s ~ 1/100000s
Day& Night	Dual IR Cut Filter
Optical Zoom	30x
Digital Zoom	16x
Privacy Masking	Yes
OSD	Size: 16×16, 32×32, 24×24, 48×48, 64×64, 96×96 Letters, Week, Date, Time, Total 5 Regions
Image	
Max. Image Resolution	2592×1944
Mainstream	PAL: 18fps (2592×1944), 20fps (2560×1920), 25fps (2592×1520, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720)
	NTSC: 18fps (2592×1944), 20fps (2560×1920), 25fps (2592×1520, 2560×1440), 30fps (2048×1536, 1920×1080, 1280×960, 1280×720)
Substream	PAL: 25fps (704×576, 704×288, 640×360, 352×288)
	NTSC: 30fps (704×480, 704×240, 640×360, 352×240)
3rd Stream	PAL: 25fps (704×576, 640×480, 352×288)
	NTSC: 30fps (704×480, 640×480, 352×240)
System Compatibility	ONVIF (Profile S), SDK, P2P
Image Compression	S+265/H.265/H.264/MJPEG
ROI Encoding	7 Dynamic Areas for Both Main and Sub Stream
Audio Compression	G711A/G711U/ADPCM/AAC
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, MULTICAST, UPnP, FTP, IPV4, NTP, RTSP, SMTP, IGMP, QoS, PPPoE
Remote Connection	≤ 7
Lens	
Focal Length	4.7 - 141mm, 30 x zoom
Zoom Speed	Approx.5s (Optical Wide-Tele)
Horizontal Angle of View	69.5° (wide) ~ 2.7° (tele)
Minimum Working Distance	1 ~ 1.5m (Wide-Tele)
Aperture Range	F1.5 ~ F4.0
Infrared	
IR Range	Up to 150m
IR Irradiation Angle	Adjustable by Zoom
IR LEDs	10pcs

Pan & Tilt	
Pan Range	360° Endless
Pan Speed	Manual Speed: 0.1° ~ 180°/s Preset Speed: 240°/s
Preset Accuracy	±0.4°
Tilt Range	-16° ~ 90° (Auto Flip)
Tilt Speed	Manual Speed: 0.1° ~ 120°/s Preset Speed: 180°/s
3D Position	Yes
Number of Preset	500
Scan	8
Cruise	16, up to 32 Presets per Cruise
Pattern	8, Each One with 600s Memory or 1000 Sequences
Power loss recovery	Yes
RS-485 Protocols	N/A
Interface	
Ethernet	1-ch RJ45 10M / 100M
Audio Input / Output	1-ch / 1-ch
Alarm Input / Output	1-ch / 1-ch
On-board Storage	MicroSD Card Slot, up to 128GB
Reset Button	Yes
Advanced	
Advanced Video Analytics	Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Loitering/Parking /Crowd/Audio Abnormal Detection/Video Abnormal Detection
Smart-tracking	N/A
Alarm Trigger	Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection
General	
Language	English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish
Operating Conditions	-30°C ~ 65°C
Relative Humidity	0 ~ 95%
Operating Voltage	AC 24V ±15%
Power Consumption	21W (IR OFF), 44W (IR ON)
Ingress Protection	IP66
Dimensions	Φ222mm x 372mm
Weight	5.3KG
Accessories (Standard)	
WBAPY	Wall mount bracket
Accessories (Optional)	
PMAPY	Pendant mount bracket
JBADPY	PTZ Junction Box
CMAPY	Outer Corner bracket
PMADPY	Pole Mount Bracket

Outline Dimensions (mm)



AP5Y Outline Dimensions