

AP2Y

2MP 33X Starlight IR PTZ Camera



Main Features



Starlight Ultra Low
Light 0.002lux



33x Optical Zoom



IR Range: 150m



High Efficiency
Video Coding



Weatherproof



Operating
Temperature
-30°C to 65°C



Lightning/Surge
Protection



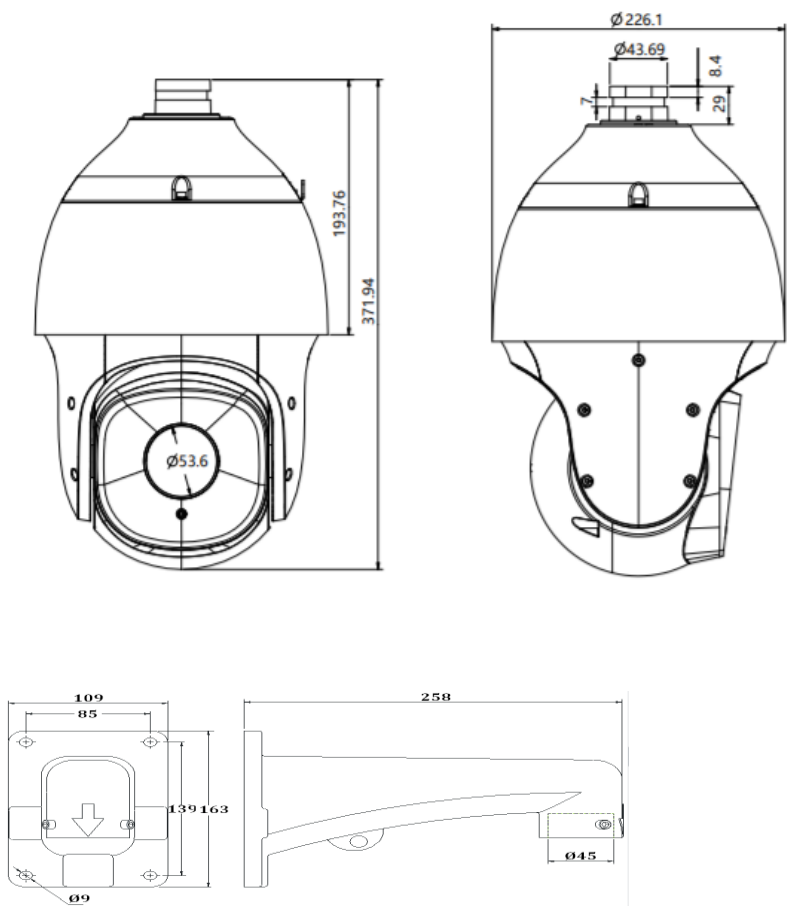
Advanced VCA
features

Specifications

Camera	
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color: 0.002Lux
	B/W: 0 Lux with IR
BLC/HLC	Yes
HLC	
Smart Defog	
WDR	140 dB
Shutter Time	1s~1/100,000s
Day& Night	Dual IR Cut Filter
Optical Zoom	33x
Digital Zoom	16x
Privacy Mask	Yes
OSD	16×16, 24×24, 32×32, 48×48, 64×64, 96×96, adaptable size, Letters Such as Week, Date, Time, Total 5 Regions
Image	
Max. Image Resolution	1920×1080
Mainstream	PAL: 50fps (1920×1080, 1280×960, 1280×720)
	NTSC: 60fps (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 (1920×1080, 1280×960, 1280×720, 640×480, 704×576, 704×288, 352×288)
	NTSC: 30fps (1920×1080, 1280×960, 1280×720, 640×480, 704×480, 704×240, 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, support auto-tracking ROI
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 Users Access at the Same Time
Lens	
Focal Length	4.6-152mm, 33x
Zoom Speed	Approx.5s (Optical Wide-Tele)
Angle of View	60.5°(w) - 2.3° (t)
Aperture Range	F1.5 - F4.0
Infrared	
IR LEDs	4
IR Range	Up to 150m
IR Irradiation Angle	Adjustable by Zoom

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	Y	
Number of Preset	500	
Scan	8	
Cruise	16, up to 32 Presets per Cruise	
Pattern	8, Each One With 600s Memory or 300 Orders	
Power-off Memory	Y	
RS-485 Protocols	N/A	
Interface		
Audio Input / Output	1-ch / 1-ch	
Ethernet	1-ch RJ45 10M/ 100M	
Alarm Input / Output	1-ch / 1-ch	
On-board Storage	MicroSD Card Slot, up to 128GB	
Reset	Y	
Advanced		
Video Analytics (IVA)	Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Loitering/Running/Parking/Video Abnormal/Audio Abnormal/Heatmap	
Smart tracking	Y	
Intelligent Alarm	Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection	
General		
Language	English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, Simplified Chinese, Polish, French	
Operating Temperature	-35°C - 65°C	
Relative Humidity	0 - 95%	
Operating Voltage	AC24V±15% / POE+	
Power Consumption	21W (IR OFF), 26W (IR ON)	
Circuit Protection	Lightning/ Surge Protection	
Ingress Protection	IP66	
Dimensions	Φ222 x 372 mm	
Weight	Approximately 5KG	
Accessories (Optional)		
WBAPY	Wall mount bracket	
PMAPY	Pendant mount bracket	
JBADPY	PTZ Junction Box	
CMAPY	Outer Corner bracket	
PMADPY	Pole Mount Bracket	

Outline Dimensions (mm)



AP2Y Outline Dimensions