

Technology - Surveillance Systems

APT-3000 series

High Resolution Speed Dome Camera



Features

- High Resolution at 650TVL
- Superior Image Quality
- Supports 18x, 30x, 36x optical zoom, up to 12x digital zoom
- Wide Dynamic Range
- 3D Noise Reduction
- Privacy Mask Supported
- Removable IR Cut Filter
- Precise Speed Dome Camera Performance
- Preset Position / Auto-Pan / Sequence / Cruise
- Digital / Mechanical Image Flip (180 °)
- 360 degrees Endless Pan
- Proportional Pan & Tilt Speed
- Auto Calibration
- Multiple built-in protocol
- Flexible indoor/outdoor mounting for easy installation

APT-3000 series

Camera	Model No.	APT-3036PH	APT-3030PH	APT-3018PH	APT-3018PI-X
	Sensor	1/4" Sony CCD			
	Optical Zoom	36X	30X	18X	18X
	Digital Zoom	1x ~ 12x variable			
	Effective Pixels	480K (NTSC) / 570K (PAL)x			
	Resolution	650TVL			
	Scanning System	NTSC / PAL			
	Synchronization	Internal / Line Lock			
	Video Output	1.0 Vp-p / 75 Ω, BNC			
	S/N Ratio	> 50 dB (AGC Off)			
	Minimum Illumination	0.1 lux, 0.01 lux (B/W)			
	Focal Length	3.4 - 122.4 mm	3.4- 102mm	3.4 – 61.2mm	3.4 – 61.2mm
	White Balance	Auto / Manual			
	Focus Mode	Auto / Manual			
	Iris Control	Auto / Manual			
	Electronic Shutter	1/1 ~ 1/10k sec.			
	AGC Control	Auto / Manual			
	Backlight Compensation	On / Off			
	Built-in Protocols	Pelco P, Pelco D, AD422, Philips, Kalatel, VCL, JVC			
	Multi-language OSD	Multiple languages including English & Chinese			

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	Model No.	APT-3036PH	APT-3030PH	APT-3018PH	APT-3018PI-X
Operation	Pan Travel	360° endless			
	Tilt Travel	-10 °~ 190°			
	Manual Speed	0.5° ~ 90°/s			
	Presets	256			
	Preset Resolution	0.225°			
	Preset Speed	5° ~ 400°/s			
	Sequence	8			
	Auto-Pan	4			
	Cruise	8			
	Privacy Mask	16			
	Proportional Pan & Tilt	On / Off (Pan and tilt speed is proportional to zoom ratio)			
	Resume after Power Loss	Yes			
	Zone Title	16			
	Home Function	Preset, Sequence, Auto-Pan, Cruise			
	Auto-Flip	Digital / Mechanical / Off			
	Digital Slow Shutter	On / Off			
	Motion Detection	On / Off			
	Wide Dynamic Range	On / Off			
	Day / Night: IR Cut Filter	On / Off			
	Image Freeze	On / Off			
	Image Inverse	On / Off			
	Digital Noise Reduction	2D / 3D Noise Reduction			
Alarm Input	8				
Alarm Output	1				
Alarm Reaction	Preset, Sequence, Auto-Pan, Cruise				
General	Environment	Indoor / Outdoor			
	Controller Interface	RS-485			
	Operating Temperature	40 °C ~ 50 °C		0°C ~ 40 °C	
	IP66 Standard	Yes		Indoor	
	Dimension	Ø 172 x 302.5 mm Ø 190 x 302.5 mm (with sunshield)		Ø 131 x 226 mm	
	Power Source	AC 24V ± 10%		DC 12V / AC 24V ± 10%	
	Power Consumption	65 W (with heater)		20 W	

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