

# XC-9 Series



**Effio-S brings low-light and high-resolution images**  
**High resolution to 700TVL**  
**0.001Lux@F1.6**  
**Powerful 10x/30x/36x optical zoom**  
**Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus,**  
**AWB, AGC, BLC**

## Technical Specifications

Model	XC-910	XC-930	XC-936
<b>Camera</b>			
Image Sensor	1/4" SAMSUNG CCD	1/4" Super HAD CCD	1/4" Super HAD CCD II
Horizontal Resolution	480TVL(Color), 520TVL(B/W)	540TVL(Color) / 570TVL (B/W)	600TVL(Color), 650TVL(B/W)
Min. Illumination	Color: 0.1 Lux B/W: 0.01Lux	0.4Lux (color) 0.001Lux (B/W)	Color: 0.01 Lux B/W: 0.001Lux
Lens	10x f=3.78mm-37.8mm	30x f=3.3mm-99mm (F 1.6 to 3.2)	36x f=3.4 mm ~122.4mm
Digital Zoom	10X	8X	16x
Angle of View	60.3°(wide)~5.5°(tele)	52.3°(wide)~2.3°(tele)	57.8°(wide)~ 1.7°(tele)
Close Focal Distance	120mm (wide) ~ 1200mm (Tele)	120mm (wide) ~ 1200mm (Tele)	100mm (wide) ~ 1500mm (Tele)
Electronic Shutter	Auto/Manual	Auto / Manual	Auto/Manual
Day/Night		ICR	
Noise Reduction	N/A	N/A	2D / 3D
Gain Control		Auto/Manual	
BLC		ON/Off	
White Balance	Auto	N/A	ON/OFF
S/N Ratio	>48 dB	≥50dB	> 50dB
Video Output		1.0Vp-p 75 Ohm, BNC	
<b>Dome Drive</b>			
Pan/Tilt Range	Horizontal: 0°~360° endless, Vertical: -2°~90° auto flip 180° to continue monitor		
Manual Control Speed	Horizontal: 0.1° ~160° /s, Vertical: 0.1° ~120° /s		
Preset Speed	Horizontal: 240° /s, Vertical: 200° /s		
Preset	16 Presets	128 Presets	255 Presets
PTZ Mode	Auto Pattern, Auto Tour, auto scan		
3D Positioning	Yes		
Speed Setup	Human-oriented focal Length/ speed adaptation		
Idle Motion	Activate preset/scan/tour/ patter if there is no command in the specified period.		
Time Task	Auto activation of Preset/Scan/Tour/ Pattern by preset-time		
Protocol	DH-SD, Pelco-P/D, Auto recognition of general protocols		
Remote Upgrade		RS485	
IR LED	N/A	N/A	2Auto / Near light / Far light / OFF/ IR 80m
<b>General</b>			
Power Supply	DC 12V /2A (±20%)	AC24V or DC15V (±20%)	AC 24V/3A (±20%)
Power Consumption	20W	30W	13W/31W(IR lamp on)
Working Temperature	-10 to +60 C°	-45°C ~ +50°C	-40°C ~ 60°C
Working Humidity	<90%		
Protection Level	IP66	IP66	IP66
Dimension	Φ177 (mm) x 183 (mm)	Φ389.6 (mm) x 252.8 (mm)	Φ229.6 (mm) x 381 (mm)
Weight	2.3kg	4,8kg	6.0kg