



Features

1) IR Functions

- Illumination 0 Lux.
- 6pcs IR lights, divided into two groups, no flashlight, effective IR distance 60m.
- IR distance changes with the optical zoom.
- Constant current circuit design, infrared lamp life of 30,000 hours.

2) System Functions

- High performance 1/2.8" Sony CMOS NP2441+ SONY imx307, high quality imaging and high sensitivity video.
- Precision motor-driven, keen responsiveness, smooth operation, camera's lowest running speed can be 0.6°/s, can move the image accurately and stable under the high zoom-in situation, the image does not have any vibration under any speed.
- Video output resolution: 1920 x 1080
- 4-in-1 camera: AHD/TVI/CVI/CVBS (AHD factory default)
- Video transmission distance up to 500m.
- Surge and lightning protection feature.
- Rated IP66 grade.

3) Zoom Camera Functions

- 20x optical zoom, excellent auto focus performance.
- Auto iris, auto focus, AWB, BLC, 3DNR, D-WDR.
- Ultra low illumination, 0.05 Lux (color); 0.005 Lux (black), 0 Lux with IR.

4) PTZ Control

- Pan range 0° to 360° continuous rotation, tilt range 0° to 90° (Auto Flip).
- Auto flip, no blind spot monitoring.
- Pan preset speed max: 30°/s, tilt preset speed max: 17°/s;
- Pan control speed 0.6°/s ~ 180°/s, Tilt control speed 3.5° ~ 30°/s;
- Supports 128 presets, 4 patrol scans, each patrol with 32 presets; supports 1 pattern scan, AB scan and park function, total record time more than 10min; supports scan between two presets and can be limited.
- Proportional zoom function, rotating speed can be auto adjusted according to the zoom in.
- Supports park function, preset/pattern scan/patrol scan/pan scan can be auto time driven (including when in idle with power on).

Specifications

PTZ		
IR Distance	60m-80m	
IR Angle	Three angle adjustable with zoom in/out	
Pan Range and Speed	Pan 360° endless rotate, speed 0.6°/s~30°/s	
Tilt Range and Speed	0°~90°, speed 5°/s~17°/s	
Manual Speed	High/middle/low for adjustable	
Preset	128x	
Patrol	4 Each patrol can add 32x presets	
Pattern	4 Total record time more than 10 minutes	
Line Scan	1x AB line scan	
Park Action	Supports: select preset, patrol, pattern	
ZOOM CAMERA		
Video Parameters	Resolution	2MP, 1920 x 1080
	Sensor	1/2.8" Sony CMOS NP2441+ SONY imx307
	Illumination	0.05 Lux (color); 0.005 Lux (black), 0 Lux with IR
Lens Parameters	S/N	> 50dB (AGC OFF)
	Optical Zoom	4.7mm - 94 mm (close to focal)
	Angle View	56° ~ 3.6°(Wide-Tele)
FUNCTIONS		
Image	Flip / mirror	
White Balance	Auto/manual	
Exposure Mode	Auto/manual	
Backlight Compensation	Supported	
Gain Control	Auto/manual	
Electronic Shutter	1/25~1/10,000s	
DNR	2D/3D digital	
Focus Mode	Auto/manual	
Day-Night Mode	Supported	
GENERAL		
Video Output	AHD, TVI, CVI, CVBS (Default AHD)	
Video Port	BNC port	
Power Port	DC 12V/2A	
Consumption	10W (max)	
Working Temperature/Humidity	-20°C~60°C, ≤90% RH (frostless)	
Protection Grade	IP66 for outside	
Surge/Lightning Protection	TVS3000V lightning protection, Surge protection and voltage transient protection	
Package Dimension (LxWxH)	225 x 245 230 (mm)	
Weight	6.62 lbs	