

1080P Zoom Lens IR PTZ Camera

IPC742SR9-PZ30-32G

REF. UNV2850



Key Features

PTZ

Precision motor with accuracy deviation less than 0.1 degree.

Pan range 250°, tilt range -50° ~ 50°

Pan speed up to 15°/s, tilt speed up to 5°/s

Optics

Smart IR, up to 100m (328ft) IR distance

2X Optical Zoom & Auto Focus

IR anti-reflection window to increase the infrared transmittance

Day/night functionality

Compression

Ultra 265, H.265, H.264, MJPEG

Triple streams

Customized OSD

Network

ONVIF Conformance

Structure

Support PoE power supply

- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide voltage range of $\pm 25\%$
- IP66

Specifications

REF. UNV2850	IPC742SR9-PZ30-32G				
Camera					
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	3 ~ 6mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	2				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	3	67.5	27	13.5	6.8
	6	135	54	27	13.5
Angle of view (H)	90.9° ~ 51.5°				
Angle of View (V)	39.6° ~ 20.4°				
Angle of View (O)	101.8° ~ 63.3°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR on				
Iris	Auto/Manual, F2.0				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 100m (328ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				

Audio	
Audio Compression	G.711
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Built-in 32GB eMMC
Network Storage	ANR
Network	
Protocol	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatibility	ONVIF (Profile S, Profile T), API
Structure	
Pan Range	250°
Pan Speed	0.1°/s ~ 15°/s
	Preset speed: 15°/s
Tilt Range	-50° ~ 50°
Tilt Speed	0.1°/s ~ 5°/s
	Preset speed: 5°/s
Number of Presets	400
Patrol	Up to 16 patrols, up to 32 presets per patrol Note: The total number of patrols and patterns is 16.
Interface	
Audio I/O	3.5mm connector
	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Network	1 RJ45 10M/100M adaptive Ethernet
General	
Power	DC 12V±25%, PoE (IEEE 802.3at)
	Power consumption: Max 17.23W
Dimensions	357 × 106 × 194mm (14.1" × 4.2" × 7.7")
Weight	1.16kg (2.6lb)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66

Dimensions

