

2MP Vandal-resistant IR Fixed Mini Dome Camera

IPC312SR-VPF28(40)-C

Nestor ref. UNV2120/UNV2140



Key Features

Optics

- Day/night functionality
- SmartIR, up to 15 m (49ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Car-grade LEDs, brighter and uniform light compensation

Compression

- Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- Customized OSD

Network

- ONVIF Conformance

Structure

- Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- Wide voltage range of $\pm 25\%$
- Built-in microphone
- IK10 vandal resistant
- IP66

Specifications

	IPC312SR-VPF28-C			IPC312SR-VPF40-C		
Camera						
Sensor	1/2.9", progressive scan ,2.0 megapixel, CMOS					
Lens	2.8mm@F2.0			4.0 mm@F2.0		
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)	
	2.8mm	45	18	9	4.5	
	4mm	64.3	25.7	12.9	6.4	
Angle of View (H)	107.8°			82.0°		
Angle of View (V)	56.7°			41.4°		
Angle of View (O)	140.2°			100.9°		
Adjustmentangle	Pan: 0°~360°		Tilt: 0°~90°		Rotate:0°~360°	
Shutter	Auto/Manual, 1/6~1/100000 s					
Minimum Illumination	Colour: 0.005Lux (F2.0, AGC ON) 0 Lux with IR					
Day/Night	IR-cut filter with auto switch (ICR)					
Digital noise reduction	2D/3D DNR					
S/N	≥52dB					
IR Range	Up to 15m (49 ft) 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. 30 fps; Sub Stream:2MP (1920×1080): Max. 30 fps; Third Stream:D1 (720×576): Max. 30 fps					
HLC	Supported					
BLC	Supported					
9:16 Corridor Mode	Supported					
OSD	Up to 8 OSDs					
Privacy Mask	Up to 8 areas					
ROI	Up to 8 areas					
Motion Detection	Up to 4 areas					

Smart

Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition:	Face detection、Audio detection
Intelligent Identification	Defocus, Scene Change
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication

Audio

Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ

Storage

Edge Storage	Micro SD, Up to 128 GB
Network Storage	ANR

Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, SSL, TLS
Compatible Integration	ONVIF(Profile S, Profile G), API

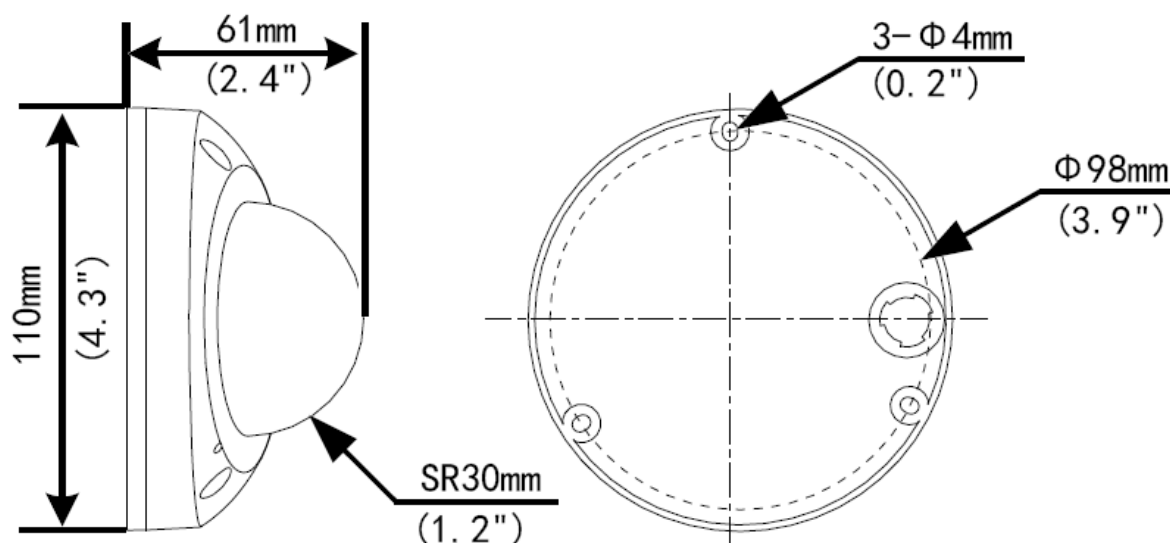
Interface

Audio I/O	audio cable
	Input: impedance 35 kΩ; amplitude 2 V [p-p]
	Output: impedance 600 Ω; amplitude 2 V [p-p]
Built-in Mic	Supported
Network	1 RJ45 10M/100M Base-TX Ethernet

General

Power	12 V DC±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5W
Dimensions (Ø x H)	Φ110 x 61 mm (Ø4.3" x 2.4")
Weight	0.25 kg (0.55 lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95% RH(non-condensing)
Ingress Protection	IP66
Vandal Resistant	IK10

Dimensions



Accessories

Installation mode	Accessories	Description
Ceiling mount	Mounting pedestal is included in the Product package	TR-JB03-D-IN junction box and TR-A01-IN waterproof joint for the junction is optional

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*Product specifications and availability are subject to change without notice.