

# IPC322SR3-DVPF28-C Datasheet

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## Overview

IPC322SR3-DVPF28-C, Uniview 2MP WDR Vandal-resistant Network IR Fixed Dome Camera; 1/2.8", progressive scan, CMOS; up to 1920x1080 resolution, 30fps; 2.8mm optional; Smart IR, up to 30m IR distance.

## Quick Specs

Table 1 shows the Quick Specs.

<b>Model Name</b>	<b>IPC322SR3-DVPF28-C</b>
<b>Sensor</b>	1/2.8", 2.0 megapixel, progressive scan, CMOS
<b>Lens</b>	2.8mm@F1.6
<b>Power</b>	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 4W
<b>Dimensions (Ø x H)</b>	Φ108.5 x 81mm (Ø4.28" x 3.2")
<b>Ingress Protection</b>	IP67
<b>Vandal Resistant</b>	IK10

## Product Details

The Uniview IPC322SR3-DVPF28-C provides these features:

### Optics

- \* Day/night functionality
- \* Smart IR, up to 30m (98ft) IR distance
- \* Car-grade LEDs, brighter and uniform light compensation
- \* Up to 120 dB WDR (Wide Dynamic Range)
- \* 2D/3D DNR (Digital Noise Reduction)

### Compression

- \* Ultra 265, H.264, MJPEG
- \* Triple streams
- \* ROI (Region of Interest)
- \* Customized OSD

### Network

- \* ONVIF Conformance

### Structure

- \* Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- \* Wide input voltage range of ±25%
- \* IK10 vandal resistant
- \* IP67
- \* 3-Axis

## Compare to Similar Items

Table 2 shows the comparison.

Item	IPC322SR3-DVPF28-C	IPC322SR3-VSPF28-C
<b>Sensor</b>	1/2.8", 2.0 megapixel, progressive scan, CMOS	1/2.9", 2.0 megapixel, progressive scan, CMOS
<b>Lens</b>	2.8mm@F1.6	2.8mm@F2.0
<b>Angle of view (H)</b>	112.7°	86.5°
<b>Angle of view (V)</b>	60.1°	44.1°
<b>Angle of view (O)</b>	146.5°	106.4°
<b>DORI Distance</b>	Lens (mm): 2.8 Detect (m): 42 Observe (m): 16.8 Recognize (m): 8.4 Identify (m): 4.2	Lens (mm): 4.0 Detect (m): 60 Observe (m): 24 Recognize (m): 12 Identify (m): 6
<b>Dimensions (Ø x H)</b>	Φ108.5 x 81mm (Ø4.28" x 3.2")	Φ108.5 x 81mm (Ø4.28" x 3.2")

## Get More Information

Do you have any question about the IPC322SR3-DVPF28-C?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

IPC322SR3-DVPF28-C Specification					
Camera					
<b>Sensor</b>	1/2.8", 2.0 megapixel, progressive scan, CMOS				
<b>Lens</b>	2.8mm@F1.6				
<b>DORI Distance</b>	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	42	16.8	8.4	4.2
<b>Angle of view (H)</b>	112.7°				
<b>Angle of view (V)</b>	60.1°				
<b>Angle of view (O)</b>	146.5°				
<b>Adjustment Range</b>	Pan: 0° ~ 360°		Tilt: 0° ~ 75°		Rotate: 0° ~ 360°
<b>Shutter</b>	Auto/Manual, 1 ~ 1/100000s				
<b>Minimum Illumination</b>	Colour: 0.003Lux (F2.0, AGC ON) 0Lux with IR				
<b>Day/Night</b>	IR-cut filter with auto switch (ICR)				
<b>Digital noise reduction</b>	2D/3D DNR				
<b>S/N</b>	>52dB				

<b>IR Range</b>	Up to 30m (98ft) IR range
<b>Defog</b>	Digital Defog
<b>WDR</b>	120dB
<b>Video</b>	
<b>Video Compression</b>	Ultra 265, H.264, MJPEG
<b>H.264 code profile</b>	Baseline profile, Main Profile, High Profile
<b>Frame Rate</b>	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
<b>HLC</b>	Supported
<b>BLC</b>	Supported
<b>9:16 Corridor Mode</b>	Supported
<b>OSD</b>	Up to 8 OSDs
<b>Privacy Mask</b>	Up to 8 areas
<b>ROI</b>	Up to 8 areas
<b>Motion Detection</b>	Up to 4 areas
<b>Audio</b>	
<b>Audio Compression</b>	G.711
<b>Two-way audio</b>	Supported
<b>Suppression</b>	Supported
<b>Sampling Rate</b>	8KHZ
<b>Storage</b>	
<b>Edge Storage</b>	Micro SD, up to 256GB
<b>Network Storage</b>	ANR
<b>Network</b>	
<b>Protocols</b>	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
<b>Compatible Integration</b>	ONVIF (Profile S, Profile G, Profile T), API
<b>Interface</b>	
<b>Audio I/O</b>	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]

<b>Alarm I/O</b>	1/1
<b>Network</b>	1 RJ45 10M/100M Base-TX Ethernet
<b>General</b>	
<b>Power</b>	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 4W
<b>Dimensions (Ø x H)</b>	Φ108.5 x 81mm (Ø4.28" x 3.2")
<b>Operating Conditions</b>	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
<b>Ingress Protection</b>	IP67
<b>Vandal Resistant</b>	IK10

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