

# 5MP WDR Starlight IR Network MiniPTZ Dome Camera IPC6215SR-X5PAEW-VG



## Features

- High quality image with 5 MP, 1/2.7" CMOS sensor
- 2880 × 1620@30 fps in the main stream, 16:9 aspect ratio
- Ultra 265, H.265, H.264, MJPEG
- 5X optical zoom allows for closer viewing of subjects
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB optical WDR (wide dynamic range)
- Wi-Fi connection and easy installation
- Built-in mic and speaker, supports two-way audio
- Alarm I/O: 1/1
- Audio I/O: 1/1
- Built-in DC 12 V output
- Smart IR, up to 30 m (98.4 ft) IR distance

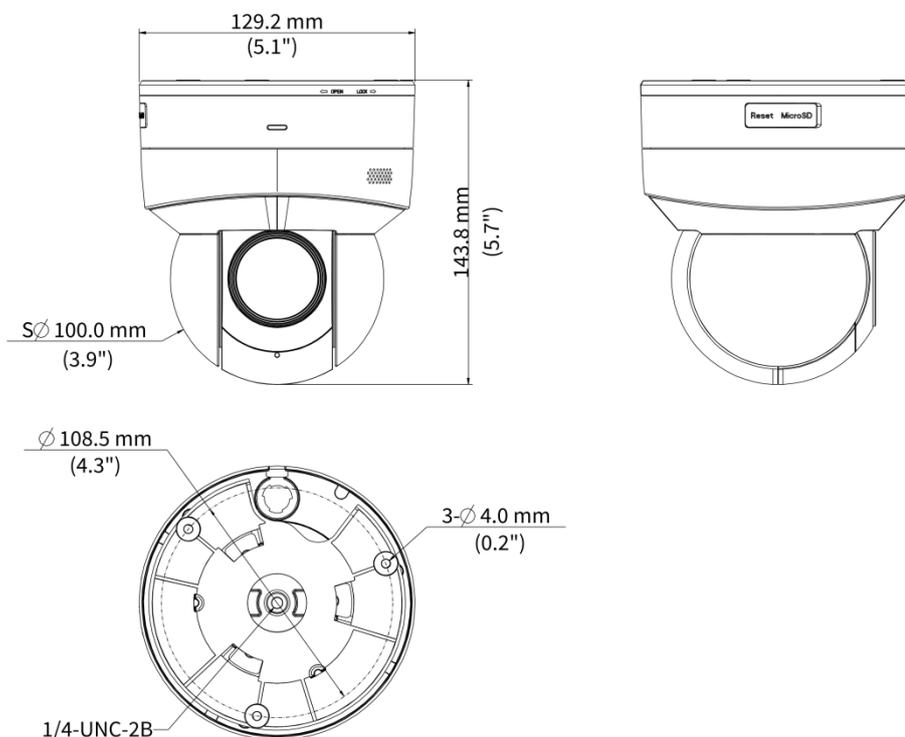
## Specifications

Model	IPC6215SR-X5PAEW-VG
<b>Camera</b>	
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.003 Lux (F1.2, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
S/N	>56dB
<b>Lens</b>	
Focal Length	2.7 to 13.5 mm
Optical Zoom	5X
Iris	F1.2
Field of View (H)	104.9° to 30.6°
Field of View (V)	55.4° to 17.7°
Field of View (D)	129.0° to 39.8°
<b>DORI</b>	
DORI Distance (Lens)	2.7 to 13.5 mm
DORI Distance (Detect)	70.9 m to 247.5 m (232.5 ft. to 812.0 ft.)
DORI Distance (Observe)	28.4 m to 99.0 m (93.2 ft. to 324.8 ft.)
DORI Distance (Recognize)	14.2 m to 49.5 m (46.5 ft. to 162.4 ft.)
DORI Distance (Identify)	7.1 m to 24.8 m (23.3 ft. to 81.4 ft.)
<b>Video</b>	
Privacy Mask	24 areas, up to 4 areas per scene
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 5 MP (2880 × 1620), max. 30 fps; Sub Stream: 720P (1280 × 720), max. 30 fps; Third Stream: D1 (720 × 576), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
ROI	Support
Video Stream	Triple streams
OSD	Up to 8 OSDs
<b>General</b>	
Built-in DC12V Output	Support
Power	DC 12 V (±25%), PoE+ (IEEE 802.3at)
Power Consumption	18 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø129 mm × 143.6 mm (Ø5.1" × 5.7") (Ø × H)
Weight	780 g (1.72 lb.)
Working Environment	-10 °C to 50 °C (14 °F to 122 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)

Surge Protection	4 KV
Reset Button	Support
Material	Plastic
Web Client Language	22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak
<b>Intelligent</b>	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Exception Detection	Object removed, Object Left Behind, Scene change, Defocus detection
<b>Image</b>	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180°
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital defog
<b>Illuminator</b>	
Light On/Off Control	Auto/Manual
Wavelength	850 nm
Illumination Distance (IR)	30 m (98.4 ft.)
<b>Events</b>	
Basic Detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind, Scene change, Defocus detection
General Function	Watermark, IP address filtering, Alarm input, Alarm output, Access policy, ARP protection, RTSP authentication, User authentication
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16 kHz
<b>Storage</b>	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
<b>Network</b>	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	TLS 1.3, Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest

	Authentication for ONVIF
Client	EZStation, UNV-Link, UNV-Link Pro
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
<b>PTZ</b>	
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	1800 s to 3600 s
Home Position	Support
Pan Range	350°
Tilt Range	0° to 90°
Pan Speed	0.1°/s to 60°/s
Tilt Speed	0.1°/s to 50°/s
<b>Interface</b>	
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	1/1
Serial Port	1 * RS485
Built-in Mic	Support
Built-in Speaker	Support
WIFI	Support
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
<b>Certification</b>	
EMC	CE-EMC (EN 55032:2015+A11:2020+A1:2020, EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2: 2019+A1: 2021, EN 50130-4:2011+A1:2014 FCC (47 CFR Part 15, Subpart B, ANSI C63.4-2014)
Safety	UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01) CAN/CSA C22.2 NO. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01 EN IEC 62368-1:2020+A11:2020
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);
<b>Wi-Fi</b>	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz Support
Transmit Power	802.11b: 17±1.5 dBm@11 Mbps 802.11g: 16±1.5 dBm@54 Mbps 802.11n: 16±1.5 dBm@MCS7 802.11ax: 16±1.5 dBm@MCS9
Receive Sensitivity	802.11b: -76 dBm@11 Mbps (Typical) 802.11g: -65 dBm@54 Mbps (Typical) 802.11n: -64 dBm@MCS7_HT20 (Typical)
Wi-Fi Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmission Rate	802.11b: 11 Mbps 802.11g: 54 Mbps 802.11n: up to 150 Mbps 802.11ax: up to 270 Mbps
<b>Configurable</b>	
P/N	Support

## Dimensions



## Accessories

### TR-JB03-H-IN

Junction Box for Metal Turret Camera(Support wiring from behind)



TR-UP06-IN

Universal Pole Mounting Bracket



### TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-WM03-B-IN

Wall Mounting Assembling Bracket for 3 Inch Hemisphere



### TR-JB07/WM03-F-IN

Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



# Unlimited New View

浙江宇视科技有限公司



<http://www.uniview.com>



[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)



South Tower, Building 10, Wanlun Science Park, 88 Jiangling Road, Hangzhou, P.R.China



©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

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

\*Despite our best efforts, technical or typographical errors may exist in this document.

Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.