

ICIP-P2300Y-L

2 Megapixel Outdoor, Full-Size 30× Network Starlight Laser PTZ Dome Camera

The ICIP-P2300Y-L is a next-generation, ultra-high performance point-and-zoom camera with super long laser night vision and proprietary, built-in video analytics called IVS (Intelligent Video Analysis).

This camera features the very best long-range optics to give you maximum resolution at a maximum range (30× optical zoom/16× digital) for large perimeter areas such as parking lots, open areas, and ports.

In addition, the camera features a long-range laser illuminator that turns nighttime into daytime at more than 1500' / 500m. Laser nighttime illumination is superior to infrared because it has a more effective range and almost no introduced noise, making it ideal for high detail discernment of faces, vehicles, and objects over huge distances in zero light.

The camera also features a powerful object-tracking function capable of following vehicles or people as they move within the defined boundaries. The video analytics feature tripwire, intrusion, scene change, face detection, and much more.

With a wide variety of rule configuration menus, users can set up a powerful video analytic settings and alerts. When the camera recognizes a rule violation, it can send out snapshots, emails, or trigger relays or alarms.



FEATURES

- Max 60fps @ 720P; 30fps @ 1080P
- IR Distance up to 1600' / 500m
- Intelligent 3D positioning
- 30× optical zoom
- Auto-tracking and IVS
- Micro SD memory, IP67, Hi-PoE (requires [PWR-HIPOE-8](#))

Revision: 1.0; May 2017

IC Realtime LLC

3050 N Andrews Avenue Extension
Pompano Beach, FL 33064
(866) 997-9009

www.icrealtime.com



SPECIFICATIONS

Camera	
Image Sensor	1/1.9" CMOS I-Sniper
Effective Pixels	1944 (H)×1092 (V), 2MP
Scanning System	Progressive
Electronic Shutter Speed	1/1s ~ 1/30,000s
Min. Illumination	0.005Lux@F1.6 (color); 0.0005Lux@F1.6 (B/W); 0Lux (Laser on)
S/N Ratio	> 56dB
Video Output	BNC (1.0Vp-p/75Ω), PAL / NTSC

Camera Features	
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto, ATW, Indoor, Outdoor, & Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16×
EIS	Support
Defog	Support

Lens	
Focal Length	6mm ~ 180mm (30× Optical zoom)
Max Aperture	F1.6 ~ F4.8
Focus Control	Auto / Manual
Angle of View	H: 51.2° (W) ~ 1.8° (T)
Close Focus Distance	10mm ~ 1500mm

Laser Light	
Laser Light Control	Auto / Manual
Laser Distance	1640' / 500m
Laser Angle	2° ~ 60°

PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°; 180° auto flip
Manual Control Speed	Pan: 0.1° ~ 240°/s; Tilt: 0.1° ~ 120°/s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, & Auto Scan
Speed Setup	Human-oriented focal length / speed adaptation
Preset Position Return Accuracy	±0.1° / ±0.03%
Power-up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if no commands given in the specified period
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern
Protocol	ICR-SD, Pelco-P/D (Auto recognition)

Video	
Compression	H.264 / MJPEG
Resolution	1080P (1920×1080) / 720P (1280×720) / D1 (704×576 / 704×480) / CIF (352×288 / 352×240)
Frame Rate	Main Stream: 1080P / D1 (1 ~ 30fps), 720P (1 ~ 60fps) Sub Stream 1: D1 / CIF (1 ~ 30fps) Sub Stream 2: 720P / D1 / CIF (1 ~ 30fps)
Bit Rate	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 2048Kbps

Audio	
Compression	G.711a / G.711u (32Kbps) / PCM (128Kbps)
Interface	1/1 channel In/Out

Intelligent Function	
Auto Tracking	Single-scene, multiple-scene, panorama-scene
IVS	Tripwire, Intrusion, Abandoned / Missing Object Detection, & Motion detection
Tracking Trigger Mode	Manual / Auto (alarm trigger)
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, & Alarm

Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, RTCP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, & 802.1x
Compatibility	ONVIF, PSIA, & CGI
Max. User Access	20
Smart Phone	Android, iOS, & Windows Phone

Auxiliary Interface	
Memory Slot	Micro SD Card, Max 64GB
Alarm	7 / 2 channel In / Out

General	
Power Supply	AC 24V/3A, Hi-PoE (requires PWR-HIPOE-8)
Power Consumption	20W, 43W (Laser on, Heater on)
Working Environment	-40°F ~ 158°F/-40°C ~ 60°C; < 90% RH
Ingress Protection	IP67
Wiper	Yes
Dimensions	Φ9.4"×14.1" / Φ240mm×357mm
Weight	14.88lbs / 6.75kg



Check Out Our Mobile App Lineup

IC Realtime LLC

3050 N Andrews Avenue Extension

Pompano Beach, FL 33064

(866) 997-9009

www.icrealtime.com

