

# IPC6525-Z30

## 2MP 30X Intelligent Network Speed Dome

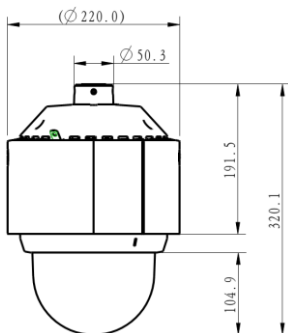


### Features

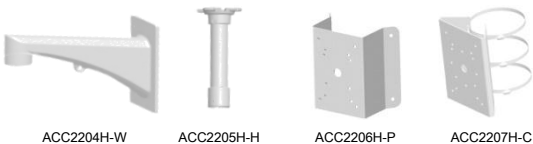
- H.265, H.264 and MJPEG video compression standard
- 1080p@60fps
- Dual-channel 1080p HD video encoding
- Ultra WDR 120dB
- Highlight suppression
- Auto defogging
- Gyroscopic image stabilization
- Intelligent analytics
- IK10 Vandal-proof class
- IP66 protection class
- SFP slot for SFP fiber optic modules
- Opto-electronic cascade(OEC)
- Railway applications
- Ultra wide operating temperature range -40°C ~ 60°C
- DC/AC supply and PoE hot backup for each other

### Dimension

Unit: mm



### Optional Accessories



ACC2204H-W

ACC2205H-H

ACC2206H-P

ACC2207H-C

### Specifications

Camera	
Image sensor	1/2.8" 2.0 megapixel progressive scan CMOS
Effective pixels	1920(H)×1080(V)
Minimum Illumination	Color: 0.01 lux (F1.6, AGC ON), B/W: 0.001 lux (F1.6, AGC ON)
Day/Night mode	Auto/Color/Monochrome (removable infrared-cut filter)
Electronic shutter speed	1/100000s to 1s
White balance	Auto/Auto-Track/Manual/OnePush/Scenario
Gain control	Automatic / Manual
WDR	120dB(Physical WDR on)
Backlight compensation	Supported
Highlight suppression	Supported
DNR	Self-adaptive to 2D or 3D DNR
Defog	Automatic / Manual
Image stabilization	Gyroscopic image stabilization
Lens	
Focal length(Zoom Ratio)	4.5mm ~ 135mm(30x), F1.6 (Wide) ~ F5.0(Tele)
Zoom	Optical zoom:30x, Digital zoom:16x
Angle of view	Horizontal: 60.89°(Wide) to 2.67°(Tele); Vertical: 37.34°(Wide) to 1.51°(Tele)
Auto-Iris	P-Iris
Build-in PT	
Rotation angle	Horizontal: 0° to 360°; Vertical: -20° to +90°
Horizontal rotation speed	Manual: 0.1°/s to 450°/s; Preset position: ≥ 450°/s
Vertical rotation speed	Manual: 0.1°/s to 400°/s; Preset position: ≥ 400°/s
Preset positions	256
Tour scan	8 scan lines and 32 preset positions for each scan line
Pattern scan	A maximum of 5 scan lines
Park Action	Home position, preset position tour, pattern scan, horizontal scan, vertical scan, random scan, frame scan, and panoramic scan
Function	
Video compression	H.265 / H.264 / MJPEG
Resolution	1920×1080 , 1280×720 , 720×576 , 720×480 , 352×288 , 352×240
Frame rate	60Hz : 60/30/20~1fps;50Hz : 50/25/20~1fps
Multiple streaming	Double streams (60fps or 50fps),Treble streams (30fps or 25fps)
Stream packages	Four predefined packages(High quality, Balanced, Low bandwidth, and Mobile devices) and four customized packages
ISP packages	Five predefined typical scenarios(Outdoor, Indoor, Vehicle capture, Low-light, and Backlight mode) and eight user-defined scenarios.
Audio compression	G.711a/G.711u/G.726/OPUS
PU access protocol	ONVIF Profile S/G , GB/T 28181-2014 , HUAWEI SDK
Network protocol	TCP, UDP, IPv4, DHCP, DNS, ICMP, IGMP, HTTP, HTTPS, SFTP, RTP, RTSP, RTCP, SIP, ARP, SSL, NTP, SNMP(V1/V2/V3), 802.1x, QoS, DDNS
Stream transmission	Unicast / multicast
Security mode	User name and password authentication, 802.1x (MD5 Challenge), and HTTPS digital certificate, IP address filtering
Stream encryption	AES128/192/256 encryption algorithm, and Digital Watermark
Intelligent Analytics	Tripwire detection, Loitering detection, Intrusion detection, Abandoned object detection, Removed object detection, Target color recognition, Humans and vehicles distinguish
Intelligent detection	Motion detection, Lens block detection
Event triggers	Intelligent analysis, Motion detection, Lens block, and Alarm input
Event actions	Alarm output, PT presets, Guard tour, SD card record, and Snapshot.
Interface	
Ethernet interface	1x RJ-45 10/100/1000Base-T self-adaptive Ethernet port
SFP slot	1x SFP slot for SFP fiber optic modules
Opto-electronic cascade(OEC)	Supported
Serial interface	1x RS-485 port (PELCO-P/D protocol)
Alarm interface	8-channel alarm input and 2-channel alarm output , Phoenix connector
Analog video interface	1-channel analog video output through the CVBS interface, BNC connector
Audio interface	1-channel audio input and 1-channel audio port ,3.5mm mono connector
Memory card slot	1x MicroSD/SDHC/SDXC slot supporting memory card up to 64 GB
General Parameter	
Power supply	DC24V ± 20%, AC24V ± 25%, PoE IEEE 802.3at (No heating). DC power supplies without ± polarity. DC/AC supply is hot backup with PoE power.
Power consumption	Typical consumption: 20 W; Maximum consumption: 45 W (Heater enabled)
Operating environment	Operating temperature : -40°C ~ 60°C, -20°C~60°C (Powered by PoE); Relative humidity: less than 95% (non-condensing)
Electromagnetic compatibility (EMC)	Complies with EN 55022 Class A,EN 55024,EN 50130-4,EN 61000-6-1,EN 61000-6-3,EN 61000-3-2,EN 61000-3-3 and FCC Part 15 Subpart B Class A
Railway applications	Complies with EN 50121-4 and EN 50125-3
Lightning surge suppression	6kV surge voltage, complies with IEC 61000-4-5
IP protection Class	IP66 , complies with IEC 60529
Vandal-proof Class	IK10 , complies with IEC 62262
Anti-corrosion	Satisfies the ISO9223 Class C4 environment , complies with IEC60068-2-11
Net weight	5.0 kg
Gross weight	5.7 kg
Physical dimensions	Φ220.0mm x 320.1mm
Packing dimensions	295.0×295.0×510.0mm