IPC6525-Z30

2MP 30X Intelligent Network Speed Dome

|						
H.265/H.264 **H.265**	**1080P@60fps**	**Ultra low illumination**	**120 dB** **WDR**	**Highlight suppression**	**Defog**	**ROI enhanced encoding**
Intelligent analytics	**30X** **Optical zoom**	**Scene switch**	**Wide voltage range**	**PoE** AC/DC **Power supply backup**	**IP66**	**Vandal-resistance**
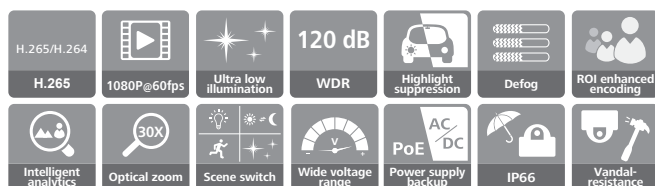
Features

- 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℃ ~ 60℃
- DC/AC supply can be hot standby for PoE

Dimension

Unit：mm
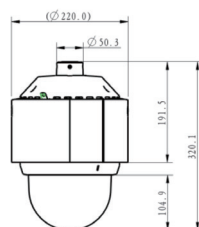
Optional Accessories

Wall-mount bracket DTS-10C | Indoor pendant-mount bracket ACC2205H-H | Pole-mount bracket ACC2306T-P | Corner-mount bracket ACC2307T-C | Indoor ceiling-mount bracket DTS-14C

Specifications

Model Item	IPC6525-Z30
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, Scenarios mode: Indoor/ Outdoor/Fixed sodium lamp/Fluorescent lamp /Incandescent lamp
Gain control	Automatic / Manual
Wide Dynamic Range	120dB
Backlight compensation	Supported
Highlight suppression	Supported
Digital Noise Reduction	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
Pan/Tilt/Zoom	
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	Maximum 8 scan lines , 32 preset positions for each scan line
Pattern scan	Maximum 5 scan lines
Park Action	Home position, preset position tour, tour recording scan, horizontal scan, vertical scan, random scan, frame scan, and panoramic scan
Function	
Video compression	H.265 / H.264 / MJPEG
Max. Resolution	1920×1080
Frame rate	60Hz:60/30/20~1fps / 50Hz:50/25/20~1fps
Multiple streaming	Dual Full HD(1080p) streams, 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, Motion 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, Genetec Protocol v1.00 and HUAWEI SDK(private protocol)
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	Object behaviors detections including Crossing line, Idle/removed objects, Loitering and Intrusion, Color recognition, Vehicle and pedestrian classification
Intelligent detections	Motion detection, Covering detection
Event triggers	Intelligent analytics, Motion detection, Covering detection, and Alarm input
Event actions	Alarm output, PTZ presets,PTZ guard tour, SD card recording 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)	Supporting cascade connection of two cameras via opto-electronic Eth ports
Serial interface	1x RS-485 port (PELCO-P/D protocol)
Alarm interface	8-channel alarm input and 2-channel alarm output
Analog video interface	1-channel analog video output through the CVBS interface, BNC connector
Audio interface	1-channel audio input and 1-channel audio output
Memory card slot	1x MicroSD/SDHC/SDXC slot, up to 64 GB
General Parameter	
Power supply	PoE IEEE 802.3at (Heater is not supported),AC24V± 25%, DC24V± 20%.DC/AC supply can be hot standby for PoE power
Power consumption	Typ.13W, Max.41W(Heater enabled)
Operating environment	Operating temperature : -40℃ ~ 60℃, -20℃~60℃ (Powered by PoE); Relative humidity: less than 95% (non-condensing)
Electromagnetic compatibility (EMC)	Complies with EN 55022 Class B,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 B
Railway application	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	Satisfying 10 days salt spray tests, complies with IEC60068-2-11
Net weight	4.0 kg
Gross weight	5.7 kg
Physical dimensions	Φ220.0mm x 320.1mm
Packing dimensions	295.0×295.0×510.0mm