

IPC6225-VRZ

2MP Network IR Bullet Camera

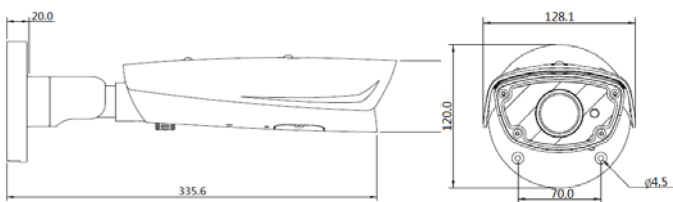


Features

- H.265, H.264 and MJPEG video compression standard
- Built-in motorized zoom and focus lens
- Effective pixels 1920x1080 at 60 fps
- Ultra WDR up to 120dB
- Highlight suppression
- Auto defogging
- Image stabilization
- Intelligent analytics
- DC/AC supply can be hot standby for PoE
- Ultra wide operating voltage range up to $\pm 25\%$
- Ultra wide operating temperature range: $-40\sim 60^{\circ}\text{C}$
- IP66 protection class

Dimension

Unit: mm



Optional Accessories



Pole-mount bracket
DTS-11C



Connection box
ACC2501-HW

Specifications

Model Item	IPC6225-VRZ
Camera	
Image sensor	1/2.8" 2.0 megapixel progressive scan CMOS
Effective pixels	1920(H)×1080(V)
Min. Illumination	Color: 0.008lux (F1.4, AGC ON); B/W : 0.002lux (F1.4, AGC ON), 0 lux with IR 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
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	Electronic image stabilization
IR coverage	Max. 50 meters
Self-Cleaning window	Supported
Lens	
Focal Length(Zoom Ratio)	2.8-12 mm (4.3x) motorized varifocal, F1.4(max)
Focus	Auto Focus, One-push Focus ,Synchronism Focus
Angular Field of View	Horizontal: 86°(Wide) ~ 34°(Tele) , Vertical: 47°(Wide) ~ 18°(Tele)
Auto Iris	DC-Iris
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	Double Full HD(1080p) streams / Treble streams (30fps or 25fps) encoding ability
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(public API protocol),GB/T 28181-2014, Genetec Protocol v1.00 and HUAWEI SDK(private API protocol)
Network protocol	TCP , UDP , IPv4 , IPv6 , DHCP , DHCPv6 , DNS , ICMP , ICMPv6 , IGMP , HTTPS , FTP , SFTP , RTP , RTSP , RTCP , SIP , ARP , SSL , NTP , SNMP (V1/V2/V3) , 802.1x , QoS , DDNS
Stream transmission	Unicast / multicast
Multiple stream channels	Each streaming support 10 channels(each channel can be transfer 1 stream). All channels share the encoding configuration(resolution,quality,frame rate) of streaming. Client can obtain at most 10 video streams in simultaneous. The maximum bandwidth is 40M. They can be used for Web, Storage, RTSP, SDK.
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 detections	Motion detection, Tampering detection
Alarm actions	Alarm output, SD card recording, and Snapshot.
Mirror mode	Reverse video images. Support Horizontal reversion, Vertical reversion, Both.
Corridor mode	Reverse video images by 90 degrees to obtain the aspect ratio 9:16 or 3:4
Interface	
Ethernet interface	1x RJ-45 10/100Base-T self-adaptive Ethernet port
Serial interface	1x RS-485 port (PELCO-P/D protocol)
Alarm interface	2-channel alarm input and 2-channel alarm output
Analog video interface	1-channel CVBS output, 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	DC12V $\pm 25\%$, DC24V $\pm 25\%$, AC24V $\pm 25\%$, PoE(IEEE 802.3at). DC supply polarity is self-adaptive, DC/AC supply can be hot standby for PoE.
Power consumption	Typical: 3.3W,Maximum: 16.3W
Operating environment	Operating temperature : $-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Relative humidity: 5% to 95% (non-condensing)
Surge suppression	6kV surge voltage, complies with IEC 61000-4-5
IP protection class	IP66, complies with IEC 60529
Vandal-proof Class	IK10 vandal-proof metal casing complying with IEC 62262
Anti-corrosion	Satisfies 10 days salt spray test, complies with IEC60068-2-11
Net weight	1.4 kg
Gross weight	1.9 kg
Physical dimensions	353.6×128.1×120.0 mm
Packing dimensions	418.0×163.0×155.0 mm