IPC6125-WDL-FA

2MP Low-light WDR Network Box Camera

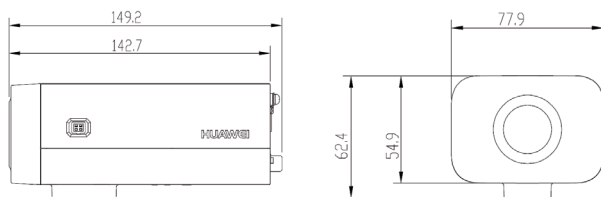| H.265/H.264 **H.265** | ▶ **1080P@60fps** | ✦ **Ultra low illumination** | **120 dB** **WDR** | 🚗 **Highlight suppression** | **Defog** |
| **Intelligent analytics** | **Self-adaptive bandwidth** | **AES** **AES encryption** | **Scene switch** | **HQ** **Optional stream templates** | **Wide voltage range** |

Features

- H.265, H.264 and MJPEG video compression standard
- 1080p@60fps
- Dual-channel 1080p HD video encoding
- Ultra Wide Dynamic Range (WDR) up to 120 dB
- Highlight suppression
- Gyroscopic image stabilization
- Auto defogging
- Intelligent analytics
- Auto Back Focus
- 1x SFP slot for SFP fiber optic modules
- Ultra wide operating voltage range
- DC/AC supply can be hot standby for PoE

Dimension

Unit：mm

149.2
142.7
77.9
62.4
54.9

Optional Accessories

Wall-mount bracket DTS-12C

Pole-mount bracket DTS-11C

Universal joint DTS-13C

Specifications

Model Item	IPC6125-WDL-FA
Camera	
Image sensor	1/2.8" 2.0 megapixel progressive scan CMOS
Effective pixels	1920(H)×1080(V)
Min. Illumination	Color: 0.002lux B/W: 0.001lux (F1.4, AGC ON)
Day/Night mode	Auto/Color/Monochrome (removable infrared-cut filter)
Electronic shutter speed	1/100000s to 1s
Gain control	Automatic / Manual
Wide dynamic range	120dB
Backlight compensation	Supported
Highlight suppression	Supported
Image stabilization	Gyroscopic image stabilization
Defog	Automatic/Manual
White balance	Auto/Auto-track/Manual/OnePush, Scenarios mode: Indoor/Outdoor/Fixed sodium lamp/Fluorescent lamp/Incandescent lamp
Digital noise reduction	Self-adaptive to 2D or 3D DNR
Lens	
Lens interface	C- or CS-mount
Auto Iris	DC-Iris / P-Iris
Focus	Manual, supporting focus auxiliary
Function	
Video compression	H.265 / H.264 / MJPEG
Max. Resolution	1920×1080
Frame rate	60Hz:60/30/20~1fps / 50Hz:50/25/20~1fps
Video bit rate	32 kbit/s to 16 Mbit/s
Multiple streaming	Dual Full HD(1080p) streams /Treble streams
Media stream set	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
Audio communication	Voice intercom, voice broadcast, and channel-associated voice
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, TLS, NTP, SNMP(V1/V2/V3), 802.1x, QoS, DDNS
Security mode	User name and password authentication, 802.1x , and HTTPS digital certificate
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 and Covering detection
Event triggers	Motion detection, covering detection, alarm input, intelligent analytics alarm and network disconnection
Event actions	Alarm output, SD card recording, pre-recording and snapshot
Opto-electronic serial	Multiple camera network ports can be cascaded
Interface	
Ethernet interface	1x RJ-45 10/100/1000 Base-T self-adaptive Ethernet port; 1x SFP slot; support two-fiber or single-fiber bidirectional Ethernet optical networks
Serial interface	1x RS-485 port ,supporting PELCO-P/D protocol , transparent channel
Alarm interface	1-channel alarm input and 1-channel alarm output (phoenix connector)
Analog video interface	1-channel CVBS output (RCA connector)
Audio interface	1-channel audio input and 1-channel audio port (3.5mm mono connector)
Memory card slot	1x Micro SD/SDHC/SDXC slot, up to 64 GB
General Parameter	
Power supply	DC12V±25%, DC24V±25%, AC24V±25%, PoE(IEEE 802.3at) DC/AC can be hot standby for PoE
Power consumption	Typ.5W , Max.8.6W
Operating temperature	−20° to +60°, −40° to +65° C (Install with a shield)
Operating humidity	5% to 95% (non-condensing)
Lightning surge suppression	6kV, complies with IEC 61000-4-5
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 applications	Complies with EN 50121-4 and EN 50125-3
Weight (No lens)	Net weight: 500 g; gross weight: 700 g
Dimensions (No lens)	Physical dimensions: 78×62.5×149.2 mm Packing dimensions: 228.0×123.0×105.0 mm