

C3020-I-P (3.6mm)

2MP Starlight Infrared Fixed Dome Camera

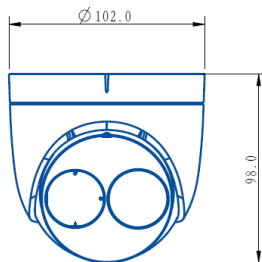


Features

- Behavior analysis, exception detection, crowd flow analysis
- 1/2.7" progressive scan CMOS
- Support for the H.265 encoding format and dual-channel independent 1080p HD video encoding
- High-quality images in super low illumination conditions and HD video surveillance for 24 hours a day
- Highlight Compensation (HLC), preventing key information loss in highlight conditions
- 120 dB super Wide Dynamic Range (WDR), ensuring that both foreground and background objects are clearly identified in environments with sharp light contrast
- Intelligent defogging, enhancing image clarity in foggy environments
- Quick configuration of stream profiles
- Intelligent metadata extraction, providing a large amount of metadata for intelligent applications
- Super Error Concealment (SEC), ensuring smooth images in the case of 20% network packet loss rate

Dimensions

Unit: mm



Recommended Accessories



Wall mount



Pendant mount

Technical Specifications

Product Model	C3020-I-P (3.6mm)
Camera	
Image Sensor	1/2.7" 2-megapixel progressive scan CMOS
Effective Pixels	1920 (H) x 1080 (V)
Minimum Illumination	Color: 0.005 lux (F1.2, AGC ON, 1/30s shutter speed) B/W: 0.0005 lux (F1.2, AGC ON, 1/30s shutter speed) 0Lux (IR LED ON)
Day/Night Mode	Automatic ICR, color, or B/W
Shutter Speed	1/68250s to 1/3s
Gain Control	Auto/Manual
WDR	120 dB, physical WDR
Backlight Compensation (BLC)	Supported (BLC area is selectable)
HLC	Supported
Image Defogging	Auto/Manual/Off
White Balance	Auto tracking/Auto/Manual
Digital Noise Reduction (DNR)	2D/3D noise reduction
Electronic Image Stabilization	Supported
Lens and Illuminator	
Focal Length	3.6mm
Maximum Aperture	F2.0
Iris Type	Fixed iris
Maximum Radiation Distance	30 m
Function	
Video Encoding Format	H.265/H.264/MJPEG
Maximum Resolution	1920 x 1080
Angle of view	Horizontal: 84° ;Vertical: 45.4°
Frame Rate	Configurable (60 fps, 50 fps, 30 fps, or 25 fps)
Video Bit Rate	32 kbit/s to 16 Mbit/s
Multi-Channel Encoding	Triple streams
Area Cropping	Supported when the stream type is secondary stream 1
Intelligent Encoding	Extra265/264
Camera Connection Protocol	ONVIF Profile S/G/T, GB/T 28181 (2011, 2016), Huawei SDK, and Huawei Rest API
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, and DDNS
Security Mode	User name and password authentication, 802.1X access authentication, and HTTPS digital certificate
Media Security	AES256-based SDK stream encryption
Video Digital Watermark	Fragile digital watermark (not supported in the MJPEG format)
Intelligent Function	
Behavior Analysis	Fast movement detection, abandoned object detection, removed object detection, tripwire crossing detection, intrusion detection, area entry/exit detection, and loitering detection (constraint scenario)
Anomaly Detection	Scene change detection, and defocus detection (constraint scenario)
Crowd Flow Analysis	Crowd flow statistics, and crowd gathering detection (constraint scenario)
Port	
Network Port	One RJ45 10M/100M adaptive Ethernet port
General Specifications	
Power Supply	12 V DC, PoE
Power Consumption	Maximum: 6.5 W; Typical: 4 W
Operating Temperature	-30°C to +60°C
Operating Humidity	5% to 95% (non-condensing)
Surge Protection Rating	2 kV
Ingress Protection Rating	IP66
Weight	Net weight: 0.33 kg; Gross weight: 0.39 kg
Dimensions	Device (Ø x H): 102 x 98 mm; Packing : 126 x 114 x 114 mm