

4X HD IP ULTRA-LOW LIGHT COLOR LED BULLET CAMERA

NEW PHFB-H2004CZIR



Features

Using Ultra-Low Light sensor

With 2M 1/1.9" CMOS image sensor, you can check High image quality and clear color images in dim light environment. It also has the ability to powerful low noise effect and outstanding noise reduction.

Powerful zoom capability

4x optical zoom, 12x digital zoom, excellent automatic focusing, and 3.5 ~ 14 mm focus range. Especially, since the aperture is F1.5~F2.5, it is possible to acquire better quality image than any other camera.

Triple codec, Simultaneous multi steaming

Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264/H.265 with simultaneous transmission to Network Video Recorder.

Color LED

By using four color LEDs, you can get clear color images at night.

Weather Proof Design

With IP67 protection, the camera ensures normal operation regardless of rain, snow or storm.

Specifications

Camera

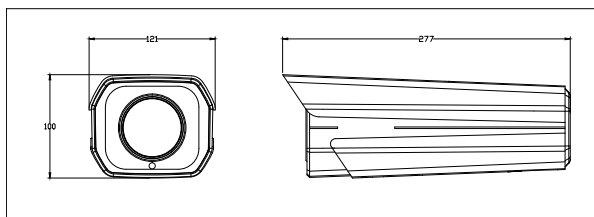
Image Device	1/1.9" Progressive Scan CMOS
Effective Pixels	Approx. 2.35 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom Ratio	Optical 4x, Digital 12x
Focal Length	f = 3.5 ~ 14mm, F1.5 ~ F2.5
Horizontal angle	102.5°(W) ~ 59.8°(T)
MIN. Illumination	COLOR : 0.005 Lux@F1.5 B/W : 0.0005 Lux@F1.5, 0 Lux (IR)
Day & Night	Auto(CDS/CAM) / Day / Night(ICR)
Focus	Auto/Manual
DNR(2D/3D)	OFF/Level Adjustment(1~5)
Shutter Speed	1 sec ~ 1/10,000sec(60/30 mode) 1 sec ~ 1/10,000sec(50/25 mode)
AGC	Auto/Manual
White Balance	Auto/Indoor/Outdoor/Manual
WDR/BLC	OFF/BLC/WDR(Digital)
Other Function	Defog(Digital), HLC, Dynamic slow shutter

General

Sensor In /Out	Built-in 1 Input / 1 Output(Relay)
Audio In / Out	1 Audio In / 1 Audio Out
Power	DC12V, PoE
Approvals*	IK10, KC, IP67
Housing	Weather proof / Vandal Proof Structure
Material	Body : Aluminum Die-casting
Dimension	277 x 121 (mm)
Weight	About : 1.56Kg
Operating Temp.	-40°C ~ 50°C

Dimension

Unit: mm



Color LED

Color LED 4pcs, Distance 30M

Infrared LED

IR Distance	More than 50m
Wave	850nm

Network

Ethernet	10Base-T/100Base-Tx
Video Compression	H.265/H.264/MJPEG
Video Stream	Main 1080p/720p
	Second D1/CIF/QCIF
	Third 1080p/720p/D1/CIF/QCIF
Stream Type	Video/Complex(Video/Audio) Stream
Frame Rate	Max. 30 /25 fps for 1080P/720P/D1/CIF/QCIF
Bitrate	30Kbps ~ 16Mbps. Supports CBR/VBR/FIX QP
Audio Compression	Two way, G.711 A-law, G.711 μ-law, 128kbps, sampling rate 8kHz
Local Storage	Micro SD/SDHC/SDXC card. Support up to 128GB
IVA	Motion Detection, Occlusion Detection, Line Crossing*, Region entrance/exiting*, Intrusion*, Tampering*, etc
Alarm actions	Email, Micro SD/SDCH/SDXC Record, Relay Output, Snapshot, Notification of Client
Alarm	Pre-Post Alarm
Max No. of Clients	10 users(Depending on user bandwidth)
Web Browser	IE 6.0 above
Protocols Support	IPv4 IPv6*, TCP/IP, UDP, RTP, RTSP, RTMP, NTP, HTTP, HTTPS*, SSL*, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMP*
	DDNS Public DDNS services Support: www.dyndns.com
	ONVIF PROFILE S
	Security User Authentication(ID/PW), IP Address/Mac Address filtering*

The specifications are subject to change without prior notice. (*) This feature is under development and will be added in the future.


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