

x3 HD IP BULLET CAMERA with GLOBAL SHUTTER

NEW PIB-H2000ZIR

1080p Full HD

ONVIF

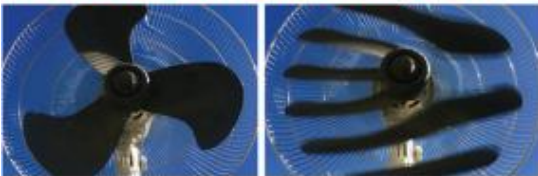
Ultra-low Light

Features

Using Global Shutter Sensor

With 3M 1/1.8" CMOS Global Shutter sensor, It is optimized to recognize the car number. 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.

New H.264/H.265 HD IP zoom block camera with global shutter



This camera also output a trigger signal for IR LED integrating to match the license plate recognition system.



Powerful zoom capability

30x optical zoom, 12x digital zoom, excellent automatic focusing, and 6.0 ~ 180.0 mm focus range. Especially, since the aperture is F1.5~F4.4, it is possible to acquire better quality image than any other camera.

Triple codec, Simultaneous multi streaming

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.

Auto Temperature Control

Built-in fan and heater for harsh environments.

Weather Proof Design

With IP68 protection, the camera ensures normal operation regardless of rain, snow or storm.

Specifications

Camera

Image Device	1/1.8" Progressive Scan CMOS
Effective Pixels	Approx. 3.19 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom Ratio	Optical x3, Digital x12
Focal Length	f = 15 ~ 50.0mm, F1.4 ~ F1.6
Horizontal angle	32.4°(W) ~ 9.8 °(T)
MIN. Illumination	COLOR : 0.005 Lux@F1.4 B/W : 0.0005 Lux@F1.4, 0 Lux (IR)
Day & Night	Auto(CDS/CAM) / Day / Night(ICR)
Focus	Auto/Semi 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)
Trigger Output	With Vsync(30Hz), For external IR LED
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
Video Out	BNC: VBS 1.0 Vp-p
IR distance	More than 70M / 150M Wave: 850nm
Power	DC12V / AC24V 20W
Approvals	IK10, KC, IP68
Housing	Weather proof/Vandal Proof Structure
Material	Body: Aluminum Die-casting
Dimension	Net: 322 x 143 mm
Weight	Net: 1.7Kg, Package: 2.13Kg
Operating Temp.	-40°C ~ 50°C

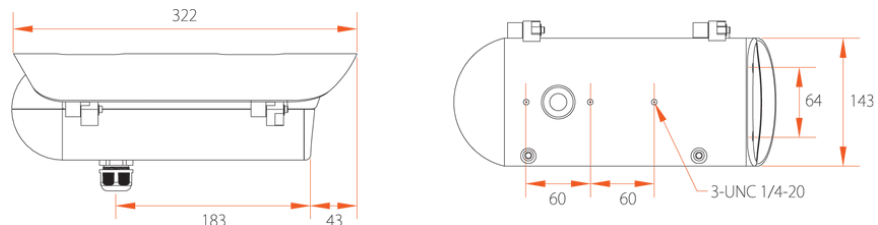
IP Encoder

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 Brower		IE 6.0 above
Protocols Support	IPv4	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.

Dimension

Unit: mm


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