Full HD 1080p | Onvif | Ultra-low Light

X4 HD IP BULLET CAMERA
NEW PHIB-H400ZIR

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, excellent automatic focusing, and 2.8 ~ 12.0 mm focus range. Especially, since the aperture is F1.2~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.

Weather Proof Design
With IP66 protection, the camera ensures normal operation regardless of rain, snow or storm.

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Specifications

Camera

Image Device	1/1.8" Progressive Scan CMOS
Effective Pixels	Approx. 2.38 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom Ratio	Optical x4, Digital x12
Focal Length	f = 2.8 ~ 12mm, F1.2 ~ F2.5
Horizontal angle	102.5°(W) ~ 59.8°(T)
MIN. Illumination	COLOR : 0.001 Lux@F1.2 B/W : 0.0005 Lux@F1.2, 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
IR distance	More than 75M Wave: 850nm
Power	DC12V
Approvals*	IK10, KC, IP66
Housing	Weather proof / Vandal Proof Structure Color : White or Gray
Material	Body : Aluminum Die-casting
Dimension	Net: 345.7 x 104 mm
Weight	Net: 1.0Kg
Operating Temp.	-40°C ~ 50°C

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. 60 / 30 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	Pubblic DDNS services Suport: 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