x40 HD IP IR PTZ OUTDOOR CAMERA with WIPER

NEW **PRB-H2000**

Features

Using Ultra-Low Light sensor
With 2M 1/2.8"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
40x optical zoom, 12x digital zoom, excellent automatic focusing, and 4.35 ~ 174.0 mm focus range. Especially, since the aperture is F1.6~F5.5, it is possible to acquire better quality image than any other camera.

Micro-Step Technology
Due to the Micro-step technology, on step angle is divided by 256. Accordingly, hi accuracy as well as ultra-low sound noise can be achieved. Micro-step technology enables ultra-low speed down to 0.05°/s.

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.

Built-in step out compensation with feedback control
Zero deviation positioning technology for ensuring high precision and accuracy in preset, never losing presets and group(patrol). High precision closed loop stepper motors and gears to provide accuracy, smoothness, stability and quietness of movements.

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

Specifications

Camera

Image Device	1/2.8" Progressive Scan CMOS
Effective Pixels	Approx. 2.13 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom Ratio	Optical x40, Digital x12
Focal Length	f = 4.35 ~ 174mm, F1.6 ~ F5.5
Horizontal angle	62.10°(W) ~ 1.88°(T)
MIN. Illumination	COLOR : 0.05 Lux@F1.6 B/W : 0.01 Lux@F1.6, 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)
Other Function	Defog(Digital), HLC, Dynamic slow shutter

Pan/Tilt

Range	Pan: 360° (Endless) Tilt: -15° ~ 180° (Flip)
Speed	Preset: 240°/sec Manual: 0.05° ~ 180°/sec Scan: 1.4 °~150 °/sec
Preset	255 Presets with Labels
Group	8 groups(Max. 16 presets)
Sound Noise	Under Max. 32.5dB

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 80M, Wave: 850nm (with adaptive synchronized with zoom ratio)
Power	AC24V 36W
Approvals*	KC, IP67
Housing	Weather proof / Vandal Proof Structure
Material	Body : Aluminum Die-casting
Dimension	Net: Ø211 x 350.6(H) mm
Weight	5Kg(approx.)
Operating Temp.	-30°C ~ 50°C

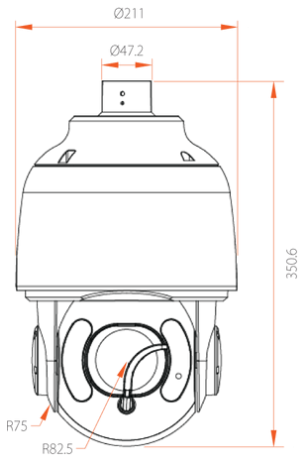
Network

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. 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	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



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