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HIQ-7391

Speed Dome 18X Optical Zoom Outdoor Full HD IP Camera

Icons: Speed Dome | P/T/Z | 18X Optical Zoom | 360° Continuous Pan & 180° Tilt | Full HD 1080P | HD 720P | D-WDR | DNR | Day & Night | IP66 | POE | Vari-Focal Lens | SD Card | Video Out | 2-way audio

Features

→ 1/2.8" 2M Type Exmor CMOS Sensor
→ 18X Optical Zoom
→ 360° Continuous Pan and 180° Tilt
→ Full HD 30 fps @ 1080p real-time
→ Digital Wide Dynamic Range (D-WDR)
→ Digital Noise Reduction (DNR)
→ Min. Scene Illumination Color: 0.05 Lux
            B/W: 0.005 Lux
→ -20°C ~ 60°C Temperature Range for Weather Conditions
→ 4.7 ~ 84.6mm @ F1.6 ~ F2.8 Vari-Focal lens
→ Mechanism IR Cut filter for day / night function
→ H.264 / JPEG / MPEG-4 compression and triple-streaming
→ IP66 Weather-Proof for outdoor application
→ Support Vandal Proof
→ 802.3at Power over Ethernet
→ Support 2-way audio
→ Support mobile phone remote monitoring
→ SD card backup for easy storing and playback image / video
→ Free bundled 64 CH Video Management System

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Speed Dome	P/T/Z	18X Optical Zoom	360° Continuous Pan & 180° Tilt	Full HD 1080P
HD 720P	D-WDR	DNR	Day & Night	IP66
POE	Vari-Focal Lens	SD Card	Video Out	2-way audio

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hiQview HIQ-7391 is an outdoor Speed Dome Camera, which is equipped with 1/2.8" 2M Type Exmor CMOS Sensor and has an all-IP architecture. The built-in web server open platform provides remote users with the real time video through Internet browser.

High Speed 18X Optical Zoom
HIQ-7391 uses 4.7 ~ 84.6mm @ F1.6 ~ F2.8, 18X optical zoom lens. The zooming function of HIQ-7391 is high speed 18X optical, which means the lens could actually lengthens and shortens when zooming in very high speed. By using an actual lens adjustment, the 18X optical zoom function could support HIQ-7391 to have more real and clearer images in high resolutions.

360° Continuous Pan and 180° Tilt
The design of HIQ-7391 is beautiful as well as practical. HIQ-7391 can support 360° Continuous Pan and 180° Tilt remotely. Thus, users can move the camera lens swiftly and elastically to the monitoring areas. Furthermore, HIQ-7391 could pre-program different routine patterns for the pan/tilt speed dome IP camera to carry out and activate those patterns to a required schedule. Accordingly, with these settings, the pan/tilt/zoom IP camera can then move through the settings from for example front door, the gate, to the parking lot...to capture images as programmed.

2-Megapixel high resolution
The images of HIQ-7391 can be compressed into three formats: H.264 / JPEG / MPEG-4. Multiple resolutions are available: 1920*1080 / 1280*720 / 640*480 / 320*240 / 176*144. Under Full HD resolution, HIQ-7391 can create supreme quality images: 30fps@1080p Real-time. Users can choose the suitable streaming format to meet different environmental conditions.

Min. Scene Illumination Color
HIQ-7391 is a very sensitive camera with low lux support. HIQ-7391 could support min. scene illumination Color with 0.05 Lux and min. scene illumination Black/White with 0.005 Lux. It means that no matter day& night, when the environment light source is over 0.05 Lux, HIQ-7391 could keep color images all the time. Furthermore, even the environment light source is 0.005 Lux, HIQ-7391 still could has very clear Black/White images in viewing.

Wide temperature support range
HIQ-7391 could support wide temperature range from -20°C ~ 60°C (-4°F ~ 140°F). It means that HIQ-7391 could be applied in various different environments with excellent performance.

Clear images in bad light condition --- Wide Dynamic Range (WDR)
The Wide Dynamic Range (WDR) feature of HIQ-7391 stands out in monitoring strong backlight or dim light environment. For example, if the camera faces the sun, and a man is standing in front of the camera, usually, because of the strong backlight, the man's face would be too dark to identify. The WDR technology would use different exposures for different objects, making the light contrast much lower, and thus reveal the clear features of the man's face.

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Speed Dome | **P/T/Z** | **18X Optical Zoom** | **360° Continuous Pan & 180° Tilt** | **Full HD 1080P**

HD 720P | **D-WDR** | **DNR** | **Day & Night** | **IP66**

POE | **Vari-Focal Lens** | **SD Card** | **Video Out** | **2-way audio**

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The power of Digital Noise Reduction (DNR)
Image noise can be caused by many factors, such as power interference, heat, and dim light source, resulting in ineffective surveillance work. HIQ-7391 removes image noises by applying DNR technology. It not only makes clearer images, but also reduces video file size.

Night time monitoring
When the sun goes down, it is difficult for typical outdoor cameras to create any clear images. The built-in Mechanism IR Cut filter for day / night function enables creating clear images under bad light condition. HIQ-7391 is capable of generating valuable pictures in dark environments. Especially, Mechanism IR Cut filter is a powerful tool to identify essential elements at night, such as people and vehicles.

Sustainable in harsh outdoor environment
HIQ-7391 has a robust housing rated as IP66, meaning that it is water-proof and dust-proof and is reliable for monitoring outdoor environment.

Network Deployment
The network deployment of HIQ-7391 is very simple. It provides the installation tool for searching for devices that are already connected to the Internet. This feature alleviates the inconvenience of complex network settings.

Power Over Ethernet (PoE) cuts cost sharply
PoE technology enables power and internet connection to be provided by the same cable. Therefore, not only that power outlets are no longer needed, but more importantly, the space to place the IP surveillance system is saved, and the cost is reduc

Free Bundled with VMS (Video Management System) "hiQview Vision"
HIQ-7391 is bundled with powerful VMS software, which supplies users with omni-bearing video management and surveillance. "**hiQview Vision**" is free bundled with our IP cameras, and it could manage up to 64 IP cameras.

Outdoor Applications
This camera is made with day/night dual-purpose, and is suitable for monitoring open environments and important entries, such as parking lots, bank lobbies, retail stores, and train stations.

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Full HD 18 x Outdoor Speed Dome IP Camera

Specifications

Camera

Image Sensor	1/2.8" 2M Type Exmor CMOS Sensor
Sensor Resolutions	2 Megapixel
Max. Resolutions	1920*1080
Sensitivity	Color : 0.05 Lux, B / W: 0.005 Lux
Lens Type	18x optical zoom
Focal Length	F = 4.7mm (WIDE) ~ 84.6mm (TELE)
Maximum Aperture	F1.6 ~ F2.8
Angle of View	Approx. 62.6 degrees (WIDE end) Approx. 3.4 degrees (TELE end)
ICR	Mechanism IR Cut Filter
Pan/Tilt Range	Pan: 360° Tilt: 0°~180° Auto Flip
Manual Control Speed	Pan: 0.45°~90°/s , Tilt: 0.35°~45°/s
Preset(Patrol) Speed	200°/s
Preset Accuracy	<±0.15°
Preset Points	256
Preset Focus Mode	Auto / Manual
Patrol	8 groups with 24 point
Auto Pan	Yes
Auto Recovery	Pending Time, Action
Cruise	Yes, 8 groups
Home Position	Yes
Point To Go	Yes
Auto Electronic Shutter	Auto / Shutter Mode
Shutter priority	Flickerless, 1/30 ~ 1/5000

SD Card

RecordingTrigger	Motion Detection, IP check, Network break down, Schedule, DI
Video Format	AVI, JPEG
Video Playback	Yes
Delete Files	Yes

Software

Search & Installation	IP Installer
Bundled NVR Program	Free Bundle 64 Channel Recording Software
Firmware Upgrade	HTTP mode, can be upgraded remotely

Network & Security

Ethernet	10 / 100 M Base-T
Support Protocol	IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Simultaneous Connection	Up to 10
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/DSCP
Power over Ethernet	AC24 / PoE802.3at

System Integration

Triggered Action	Mail, FTP, DO, Save to SD card, Samba
Pre / Post Alarm	Yes, configurable
Motion Detection	On/Off

Video / Audio

Vido Compression	H.264/ MJPEG/ MPEG-4
Video Profile	1920*1080/ 1280*720/ 640*480/ 320*240/ 176*144
Frame Rate	Up to 30fps @ 1920*1080 Up to 30fps @ 1280*720 Up to 30fps @ 640*480 Up to 30fps @ 320*240 Up to 30fps @ 176*144
Triple Streaming	Yes
Image Snapshot	Yes
Full Screen Monitoring	Yes
Image Setting	Auto Electronic Shutter, Day & Night Mode, Day & Night Level, Day & Night Delay, DNR Mode, WDR Mode, Video Orientation, White Balance, Sharpness, Exposure Compensation, Defog, OSD, Contrast, Saturation
Day & Night Mode	Auto / Color / B/W / Time Mode with auto ICR
Day & Night Level	1 ~ 5
Day & Night Delay	4 ~ 60 sec
DNR Mode	Off / Low / Middle / High
WDR Mode	Off / Low / Middle / High
Video Orientation	Off / Flip / Mirror / Rotate
White Balance	Auto / Indoor / Outdoor / Fine shade 7500K / Cloudy weather 6000K / Fluorescent light 4200K / Halogen light 3200K / Electric light bulb 2900K
Sharpness	-4 ~ 4
Exposure Compensation	-6 ~ 6
Defog	Off/ On
OSD	Off/ On
Contrast	-4 ~ 4
Saturation	-4 ~ 4
Video Bitrates Adjust	CBR, VBR
Audio Compression	G.711(64kbps) and G.726(32kbps/24kbps) audio compression
Audio Support	2-way, Input : External Audio in / Output : External Audio out

General

CPU	Multimedia SoC
RAM	256MB
Flash	16MB
I / O	4 DI / 1 DO
Audio out	N/A
Power consumption	24V AC Power consumption Max: 15.8W PoE Power consumption Max: 12.48W
Water Resistance	IP66
Operation Temperature	-20°C~ 60°C (-4°F ~ 140°F) without heater
Dimension	219 mm (Φ)
Weight	3500g

View System Requirements

OS	Windows 7, 2000, XP, 2003,
Browser	Microsoft IE 6.0 or above, Chrome, Safari, Firefox
Hardware Suggested	Intel Dual Core 2.53G, RAM: 1024MB, Graphic card: 128MB

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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