

## HANWHA- IP Camera PNO-A6081R



### DESCRIPTION

#### **Reducing false alarm based on deep learning technology**

Wisenet AI cameras using AI algorithms filter out irrelevant movements caused by environmental changes such as waving trees, shadows, or animals. While conventional cameras detect motion based on its pixels and generate events even if users want to ignore, Deep Learning-based Wisenet AI cameras generate event alarm only for people and vehicles, reducing false alarms for more efficient operation.

#### **Attribute, BestShot for the forensic search**

Metadata including attribute (people : age, gender, colors of top/bottom clothes, wearing glasses, Vehicle : types, colors) is sent to the backend server and used to extract information on specific situations, significantly reducing the time to search the entire video. And Wisenet P series AI cameras are equipped with the BestShot feature for re-identification which ensures that only the most suitable images of classified objects are sent to the backend server.

Wisenet P series AI cameras can also quickly and accurately detect the objects with or without face mask and immediately sends out alert.

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#### **VMS Integration for forensic search applications**

Wisenet P series AI cameras offers integration of video management system from Milestone, Genetec using Hanwha Techwins AI Plug-ins and Wisenet WAVE. These Plug-ins provide improved AI search on Milestone and Genetec's video management system.

## Free AI powered COVID-19 Solutions

Wisenet P series AI cameras supports free AI based COVID-19 Solutions including the Occupancy Monitoring Application, Face Mask Detection, and Social Distancing Detection.

## TECHNICAL CHARACTERISTICS

Brand : HANWHA

Part number : PNO-A6081R

### Représentation / réalisation :

Type : IP security camera

Adjustment shutter speed : Auto

Alarm input/output : Y

Camera shutter speed : 1/5 - 1/12,000 s

Camera shutter type : Electronic

Card reader integrated : Y

Compatible memory cards : SD, SDHC, SDXC

Connectivity technology : Wired

Day/night mode : Y

Depth : 368.6 mm

Diameter : 9.1 cm

Digest authentication : Y

Ethernet interface type : Gigabit Ethernet

Ethernet LAN : Y

Ethernet LAN (RJ-45) ports : 1

Flash memory : 512 MB

Flip & mirror : Y

Focal length range : 4.38 - 9.33 mm

Form factor : Bullet

Frame rate : 120 fps

Housing material : Aluminium

International Protection (IP) code : IP66, IP67

LED type : IR

Maximum aperture number : 2.15

Maximum resolution : 1920 x 1080 pixels

Minimum aperture number : 1.3

Mounting type : Ceiling/wall

Night vision : Y

Night vision distance : 40 m

Noise reduction : Y

Operating relative humidity (H-H) : 0 - 90%

Operating temperature (T-T) : -25 - 50 °C

Optical sensor size : 25.4 / 2 mm (1 / 2»)

People counting function : Y

Placement supported : Indoor & outdoor

Power consumption (Power over Ethernet (PoE)) : 16 W

Power source type : DC, PoE

Product colour : Stainless steel

Quality of Service (QoS) support : Y

ROM capacity : 4096 MB

Sensor type : CMOS

Storage temperature (T-T) : -50 - 60 °C

Streaming method : Multicast, Unicast

Supported graphics resolutions : 640 x 480 (VGA), 720 x 480, 720 x 576, 800 x 448, 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1280 x 960

Supported network protocols : IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, SRTP (TCP, UDP Unicast)

Total megapixels : 2 MP

USB port : Y

Video formats supported : H.264, H.265, M-JPEG

Video streaming : Y

Weight : 2.48 kg

White balance : ATW, AWC, Indoor, Manual, Outdoor

Wide Dynamic Range (WDR) : Y

Zoom capability : Y