

HANWHA- Camera PND-A6081RF



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.

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 : PND-A6081RF
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 : 163 mm
Diameter : 20.5 cm
Digest authentication : Y
Ethernet interface type : Gigabit Ethernet
Ethernet LAN : Y
Ethernet LAN (RJ-45) ports : 1
Field of view (FOV) angle : 124°
Flash memory : 512 MB
Flip & mirror : Y
Focal length range : 4.38 - 9.33 mm
Form factor : Dome
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
Minimum illumination : 0.007 lx
Mounting type : Ceiling
Night vision : Y
Night vision distance : 40 m
Noise reduction : Y
Operating relative humidity (H-H) : 0 - 90%
Operating temperature (T-T) : -25 - 55 °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 : White
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 360, 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 : 1.95 kg
White balance : ATW, AWC, Indoor, Manual, Outdoor
Wide Dynamic Range (WDR) : Y
Zoom capability : Y