4 x FHD(8MP) iA H.265 Multi-Sensor Camera

Panasonic WV-S8530N captures the highest quality images in even very challenging and dynamic environments. In particular, the camera can capture clear vehicle image in color even at night intersections of low light intensity. And the four repositionable lenses minimize blind spots and flexibly correspond to intersections of various shapes and monitoring areas of cities. Intelligent Auto (iA) monitors scene dynamics and motion to adjust key camera settings automatically in real-time reducing distortion such as motion blur on moving objects. Adopting H.265 Smart Coding technology, bandwidth efficiency is intelligently increased for longer recording and less storage. Out of the box, the camera supports full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

Extreme image quality for evidence capturing under challenging conditions
- Four repositionable lenses with easy adjustment include a wide range tilt angle mechanism minimizes blind spots
- Sharp and clear images of fast moving vehicles with Intelligent Auto and ClearSight Coating
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 108dB for backlit situations and shadows on night streets
- Environmental durability : IP66, IK10 and Dehumidification device

Extreme H.265 compression with new Smart Coding
- Reduced the amount of transferred data and less storage space compared to any H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) dynamically detect motion areas to keep vehicles and human in good picture quality while lowering your bandwidth *Region of Interest

Extreme Data Security
- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

Key Features
- 4 x FHD(8MP) 1600x1200 / 1920x1080 30fps
- iA (intelligent Auto)
- Super Dynamic 108dB
- Color night vision (0.006 to 0.09 lx)
- H.265 Smart Coding
- ClearSight Coating
- Wide range tilt angle adjustment mechanism

Industry examples
- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)
Wide range tilt angle adjustment mechanism

Camera 1, 2, 3

Camera 4

*The above is the adjustable range of a single camera. The adjustable range of each camera varies according to the positional relationship with other cameras.

Four repositionable lenses enables to monitoring at minimize blind spots

**270-degree view (Full intersection view)**
- One multi sensor camera at intersection corner, it enables monitoring with minimized blind spots
- Enables to monitoring even if bottom view angle

**360-degree view**
- One multi-sensor camera enables monitor the park by minimize blind spots

Usability - Easy setting

Installation time can be reduced by confirming live image and adjusting viewing angle with smartphone or tablet device via Wi-Fi connection.

USB Wi-Fi device* to the USB terminal on multi-sensor camera

*Be sure to use a Wi-Fi USB adapter that is checked its operability by Panasonic.

Select one of "360 deg. View" or "270 deg. + Right below view", check the live images of 4 cameras at the same time, and adjust the angle of the camera.
Select the live image of one camera and adjust the zoom and focus.
Specifications

**Camera**  
Image Sensor  
- 1/3 type CMOS image sensor  
Minimum Illumination  
- Color: 0.009 lx, BW: 0.00 lx  
- (F2.2, Maximum shutter : Off (1/30s), AGC : 11)  
- Color: 0.006 lx, BW: 0.00 lx  
- (F2.2, Maximum shutter : max. 16/30s, AGC : 11)  

Intelligent Auto  
On / Off  
Super Dynamic  
On / Off, the level can be set in the range of 0 to 95.  
Dynamic Range  
108 dB typ. (Super Dynamic, On, level : 31)  
Image Settings  
Gain (MAX): White balance  
Image Compensation  
Adaptive black stretch, Back light compensation (BLC), High light compensation (HLC), Fog compensation, Digital noise reduction  
Color/BW (ICP)  
Off / On / Auto (Normal) / Auto (IR Light) / Auto (3) (SEC)  
Video Motion Detection (AMD)  
On / Off, 4 areas available  
Privacy Zone  
On / Off (up to 8 zones available)  

**Lens**  
Zoom Ratio  
1.8x Optical (Manual zoom / Manual focus)  
Digital electronic zoom  
Choose from 3 levels of x1, x2, x4  
Focal length  
3.2 mm – 5.7 mm  
(1/8 inches - 7/32 inches)  
Maximum Aperture Ratio  
[1.2 - 2.0] WR070  
Focus range  
1.5 m {4.92 feet} – ∞  
Angular Field of view  
Horizontal (PAN) angle : 360 °  
Vertical (TILT) angle : +10 ° to +90 °  
Azimuth (YAW) angle : ±60 °  
The above is the adjustable range of a single camera.  
The adjustable range of each camera varies according to the positional relationship with other cameras.  

**Browser**  
GUI  
Brighthouse  
Setup Menu Language  
English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese  
Network  
10Base-T / 100Base-Tx / 1000Base - T, H342 connector  
Resolution  
[16 - 9 mode] 1280 x 720 / 720 x 1280 / 640 x 360 / 360 x 1920  
[4 - 3 mode] 1024 x 576 / 576 x 1024 / 768 x 1024 / 768 x 576 / 576 x 768 / 768 x 768 / 720 x 960 / 960 x 720 / 960 x 960 / 960 x 1280 / 1280 x 960 / 1280 x 1280 / 1280 x 2400  
H.264  
Transmission Mode  
Constant bit rate / VBR / Frame rate / Best effort  
HDMI  
Transmission Type  
Unicast / Multicast  
JPEG Image Quality  
19 to 80  
Supported Protocol  
Pv6, TCP/IP, UDP/IP, HTTP, HTTPS, FTP (Server), SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiServer  
Pv4, TCP/IP, UDP/IP, HTTP, HTTPS, RTP, RTSP, RTCP, FTP (Server), SMTP, DHCP, DNS, DDNS, NTP, SNMP, DHCPv6, ICMP, ICMP, ARP, IEEE 802.1X, DiServer  

**Appearance**  
Unit : mm (inches)  

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Important  
- Safety Precaution : Carefully read the Important Information, Installation Guide and operating instructions before using this product.  
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers’ products used on the network.  
- Masses and dimensions are approximate.  
- Specifications subject to change without notice.  

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