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 images 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. Cameras out-of-the-box, use an encryption module standardized by FIPS Publication 140-2 for secure video streaming.

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 backlight situations and shadows on night streets
- Environmental durability: IP66, IK10 and Dehumidification device

Extreme bandwidth compression with new Panasonic H.265 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

Extreme Data Security
- Full encryption SD card edge recording to keep your data safe
- FIPS140-2 CAVP compliant* Using encryption module standardized by FIPS publication 140-2
- 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

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.

*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.

Camera 1, 2, 3

- +30° to +80° Vertical (TILT) angle
- 360° Horizontal (PAN) angle
- ±50° Azimuth (YAW) angle

Camera 4

- −15° to +80° Vertical (TILT) angle

USB Wi-Fi [ 360 deg. Mode ]
[ Single Screen Mode ]
[ 270 deg. + right below mode ]

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.

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

Camera
- Image Sensor: 1/3 type CMOS image sensor
- Minimum Illumination: Color: 0.09 lx, BW: 0.04 lx
- (F2.2, Minimum shutter: Off (1/60s), AGC: X1; (F2.2, Minimum shutter: max. 1600s, AGC: X1))
- Color: 0.003 lx, BW: 0.003 lx
- Intelligent Auto: Off
- Maximum Shutter: Max.1/10000s to Max.1600s
- Signal Dynamic: On / Off, the level can be set in the range of 0 to 31.
- Dynamic Range: 108 dB (+30 dB) Super Dynamic
- Image Settings: Gain (AGC), White balance
- Image Compression: Adaptive black stretch, Back light compensation (BLC), High light compensation (HLC), Fog compensation, Digital noise reduction
- Color/BW (ICP): Off / On (Auto) / Autob (IR Light) / Auto (SOO)
- Video Motion Detection (VMD): On / Off, 4 areas available
- Privacy Zone: On / Off (up to 8 zones available)
- Up/down: On / Off
- Camera Title (OSD): On / Off, Up to 20 characters (alphanumeric characters, marks)
- Adjusting angles:
  - Camera 1.2: Horizontal (PA) angle: 360°, Vertical (TLT) angle: +30° to 80°
  - Camera 4:
    - Horizontal (SLV) angle: 360°, Vertical (TLT) angle: -15° to 80°
    - Aperture (FAW) angle: ≤ 90°
- The above is the adjustable range of a single camera. The adjustable range of each camera series according to the positional relationship with other cameras.
- Lens:
  - Zoom Rate:
    - Digital (electronic) zoom: Choose from 3 levels of x1, x2, x4
    - Optical zoom: 1.8x (Manual zoom / Manual focus)
  - Digital Maximum Aperture: 1.5 - 2.8 (WIDE) – 8.0 (TELE)
  - Focus range:
    - 1.5 m {4.92 feet} – ∞
- Adjusting angles:
  - Horizontal Field of view:
    - with one lens: 15° - 90° (TELE) – 90° (WIDE)
    - Vertical:
      - 30° (TELE) – 54° (WIDE)
      - 4° (HORIZONTAL) – 4° (TELE) – 4° (WIDE)
  - Vertical Field of view:
    - 33° (TELE) – 54° (WIDE)
- Appearance:
  - Dimensions:
    - 232(9-1/8")<With Attachment plate>
    - 196(7-23/32")<With Base bracket>
    - ø155(6-3/32")<Removing the dome>
    - 1/3 type CMOS image sensor
- Masses and dimensions are approximate. Specifications are subject to change without notice.
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- Other trademarks identified herein are the property of their respective owners.
- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product.

Network
- Maximum concurrent access number: Up to 24 users (Depends on network conditions)
- Codec: H.265 / H.264 recording
- Memory Card: SDHC/SDXC
- Network Interface: Manual REC / Alarm REC (PrePost) / Schedule REC / Backup upon network failure
- Camera Control:
  - On / Off
  - Up to 20 characters (alphanumeric characters, marks)
  - Auto VIQS: On (Frame rate control) and On (Advanced) are only available with H.265

Alarm
- Alarm Actions:
  - HDMI alarm, Assert alarm
  - SMARTALARM recording, E-mail notification,
  - HTTP alarm notification, Indication on browser
- Alarm Sources:
  - Panasonic alarm protocol output
  - On / Off
  - Up to 20 characters (alphanumeric characters, marks)

Optical Accessories
- Mount Bracket:
  - WV-Q185 (Light gray)
  - WV-Q122A (Fine silver)
  - WV-Q189 (Fine silver)
  - WV-Q188 (Fine silver)

Other Manufacturers’ products used on the network.

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