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. By 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 backlit 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 up to 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**

*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.

*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: 0.08 lux (F1.2, Manual shutter: OFF (1/100s), AGC: ON) | Black & White: 0.003 lux (F1.2, Manual shutter: max. 160s, AGC: ON)
- Intelligent Auto: OFF
- Maximum shutter: Max. 1/30s to Max. 1/1000s
- Dynamic Range: Max. 99 DB (Super Dynamic | On: level can be set in the range of 0 to 31)
- Image Setting: Gain (AGC), White balance
- Image Compensation: Adaptive black stretch, Back light compensation (LCL), High light compensation (HLC), Fog compensation, Digital noise reduction
- Color/BW (ICR): Without Attachment plate: Color | With Attachment plate: BW

**GUI / Camera Control**
- With one lens
  - Angular Field of view: Camera 1, 2, 3: Horizontal: 19° to 90° (WIDE) | Vertical: 30° (TELE) – 54° (WIDE)
  - Focus range: Vertical: 30° (TELE) – 54° (WIDE)
  - Adjusting angle: Azimuth (YAW) angle: ±50° | Vertical (TILT) angle: –15° to + 80° | Horizontal (PAN) angle: 360°
  - Camera Title (OSD): On / Off

**Network**
- Maximum concurrent access number: Up to 24 users (Depends on network conditions)
- Network Interface: H.265 / H.264 recording | Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure
- Compatibility: ONVIF (Digital Density), Onvif Inc.
- Alarm Actions: SMX-SURF/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, Panasonic alarm protocol output

**Environment**
- Dimensions: 256 mm x 232 mm (H) (w/o 1/16 inches x 9-1/8 inches (H)), Dome radius 80 mm (3-5/8 inches)
- Mass: Approx. 3 kg (6.61 lbs)

**Image Sensor**
- 1/3 type CMOS image sensor
- Color: 0.08 lux (F1.2, Manual shutter: OFF (1/100s), AGC: ON) | Black & White: 0.003 lux (F1.2, Manual shutter: max. 160s, AGC: ON)

**Alarm Actions**
- Alarm Actions: SMX-SURF/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, Panasonic alarm protocol output
- Alarm Source: VMD alarm, Motion detection alarm

**Power Source**
- PoE (IEEE802.3af compliant) Device
- FCC (Part15 ClassA), ICES003 ClassA, EN55032 ClassB, EN55024
- UL (UL60950-1), c-UL (CSA C22.2 No.60950-1), CE, IEC60950-1
- Panasonic alarm protocol output
- HTTP alarm notification, Indication on browser, VMD alarm, Command alarm

**Environmental**
- Shock Resistance: IK10 (IEC62262)
- Water and Dust Resistance: IP66 (IEC60529), Type 4X (UL50), NEMA 4X compliant
- Temperature: 10 to 100 % (no condensation)
- Humidity: 10 to 100 % (no condensation)
- Installation: ONVIF and the ONVIF logo are trademarks or registered trademarks of Onvif Inc.
- Android is a trademark of Google LLC.

**Audio**
- Audio: WV-Q185 or WV-Q122A.

**Appearance**
- Unit: mm (inches)
- 

**Optional Accessories**

**Mount Bracket**
- Wall Mount Bracket: WV-Q185 (Light gray) | WV-Q187 (Light gray)
- Pole Mount Bracket: WV-Q182 (Light gray) | WV-Q188 (Fine silver)
- Corner Mount Bracket: WV-Q183 (Light gray) | WV-Q189 (Fine silver)

**Trademarks and registered trademarks**
- Panasonic is a trademark of Panasonic Corp. in the U.S. and/or other countries.
- The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.
- All other trademarks identified herein are the property of their respective owners.

**Important**
- Safety Precaution: Carefully read the Basic 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 are subject to change without notice.

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