Panasonic WV-S6530N captures the highest quality images automatically even in very challenging and fast-changing surveillance environments. 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. New industry-leading 144dB dynamic range delivers balanced scene exposure in dynamic and extreme-backlit lighting environments. In addition, color night vision provides outstanding low-light performance with accurate color rendition and saturation from i-Pro’s 1/3” sensor, rivaling the performance of costlier 1/2” sensor cameras in the market. Adopting H.265 Smart Coding technology, intelligently reduces bandwidth efficiency of up to 95%* over H.264 for longer recording and less storage. Cameras out-of-the-box, support full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured. *Value in Advanced mode. It depends on the scene.

**Extreme image quality for evidence capturing under challenging conditions**
- Sharp and clear image 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 144dB for backlit situation by headlights and shadows on the streets at night
- Environmental durability: IP66, IK10, Long life Pan/Tilt gear mechanism, Wide operating temperature up to 60 °C (140 °F) and Dehumidification device

**Extreme bandwidth compression with new Panasonic H.265 Smart Coding**
- Longer recording, less storage compared to 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
- 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**
- Full-HD 1920x1080 60fps
- ClearSight Coating
- Durable Pan/Tilt gear mechanism
- iA (intelligent Auto)
- Extreme Super Dynamic 144dB
- Color night vision (0.001 to 0.015 lx)
- IP66, IK10 certified
- Wider operating temperature range 
  -40°C to +60°C (-40°F to +140°F)
  *When using 24 V AC power supply
- Fiber Optic Media Converter Unit (Optional WV-X65F1)

**Industry examples**
- Safe City
- Parking lot
- Logistics
- Building
### Specifications

#### Camera
- **Image Sensor**: 3 mega pixel [4:3], 2 mega pixel [16:9] (30/60 fps)
- **Resolution**: Constant bit rate / VBR / Frame rate / Best effort
- **GUI / Setup Menu Language**: English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
- **Mic (Line) Input**: On / Off
- **Volume adjustment**: Low / Middle / High
- **Rec. on SD, Log, Viewer software**: On / Off
- **Input impedances**: Input impedance: Approx. 2 kΩ (unbalanced)
- **Audio Output Impedance**: Approx. 600 Ω (unbalanced)

#### H.265/
- **Transmission Type**: On/Off, the level can be set in the range of 0 to 31.

#### Lens
- **Resolution**: 4.0 mm – 84.6 mm (1/32 inches – 3-11/32 inches)
- **Digital Electronic zoom**: 31x HD Extra Optical Zoom (when resolution is 1280x720)
- **Max Aperture Ratio**: Filling / Pixelate / Off (up to 32 zones available)
- **Input impedance**: ø3.5 mm stereo mini jack (stereo input)
- **Audio Output Jack**: ø3.5 mm stereo jack (stereo output)
- **Audio Outputs**: 3 terminals input, VMD alarm*8, Command alarm, Audio detection alarm
- **Audio Input**: Mic (Line) Input
- **Audio Output**: 3.5 mm stereo jack (stereo output)

#### Image Quality
- **Image Quality**: Approx. 0.5 °/s - 100 °/s
- **Preset Positions**: In position

#### Power Consumption
- **Power Consumption**: Approx. 4.8 kg (10.58 lbs) (including attachment pipe: Approx. 200g (0.44 lbs))
- **Power Source**: Supply voltage: 4.0 V ±0.5 V
- **Input power**: 24 V AC(50 Hz/60 Hz)
- **Output Impedance**: Approx. 600 Ω (unbalanced)

#### Memory Card
- **Memory Card (Option)**: SD, SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, FTP image transfer
- **Memory Card**: SD, SDXC/SDHC/SD memory card
- **Memory Card (SDHC/SDXC)**: No write protection
- **Memory Card**: SD, SDXC/SDHC/SD memory card

#### Network
- **Network IP**: 10.1.1.100/24
- **Port**: 2048-2068
- **TCP/IP**: 10.1.1.100/24
- **HTTP, HTTPS**: 10.1.1.100/24
- **FTP**: 10.1.1.100/24
- **RTSP, RTP, RTCP**: 10.1.1.100/24
- **SMTP, DHTML, DNS, HTTP, NTP, SNMP, UDP, UPLINK, UPNP, KVM, ICMP**: 10.1.1.100/24

#### Shock Resistance
- **Shock Resistance**: Shock resistance
- **Waterproof**: Waterproof
- **Ambient Operating Temperature**: -30 °C to +60 °C (-22 °F to +140 °F) (PoE+ device)
- **Temperature Range**: -40 °C to +60 °C (-40 °F to +140 °F) (PoE+ device)
- **Power Range**

#### Water and Dust Resistance
- **Water and Dust Resistance**: IP66(IEC60529)

#### Ambient Operating Humidity
- **Ambient Operating Humidity**: 10 to 100 % (no condensation)

#### Power Source
- **Power Source**: 24 V AC(50 Hz/60 Hz)
- **Polarity**: +24 V DC (D.C.+)

#### Transmission Type
- **Transmission Type**: Constant bit rate / VBR / Frame rate / Best effort

#### Network Camera
- **Network Camera**: WV-Q122A or WV-Q185
- **Interface**: Ethernet / POE
- **Image Quality**: up to 1280x720 pixels

### Appearance

| Mount Bracket | Ceiling Mount Bracket WV-Q121B | Wall Mount Bracket WV-Q122A | Pole Mount Bracket WV-Q188 | Corner Mount Bracket WV-Q189
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Description</td>
<td>WV-Q121B (Fine silver)</td>
<td>WV-Q122A (Fine silver)</td>
<td>WV-Q188 (Light gray)</td>
<td>WV-Q189 (Fine silver)</td>
</tr>
<tr>
<td>Color</td>
<td>Different Color Mode WV-Q121B</td>
<td>Different Color Mode WV-Q122A</td>
<td>Different Color Mode WV-Q188</td>
<td>Different Color Mode WV-Q189</td>
</tr>
<tr>
<td>Notes</td>
<td>(These brackets are used with WV-Q122A or WV-Q185.)</td>
<td>(These brackets are used with WV-Q122A or WV-Q185.)</td>
<td>(These brackets are used with WV-Q122A or WV-Q185.)</td>
<td>(These brackets are used with WV-Q122A or WV-Q185.)</td>
</tr>
</tbody>
</table>

### Optional Accessories

#### Fiber Optic Media Converter Unit
- **Fiber Optic Media Converter Unit** supports long distance optical networks by converting copper RJ45 to fibers.

#### Mount Bracket
- **Ceiling Mount Bracket WV-Q121B**
- **Wall Mount Bracket WV-Q122A**
- **Pole Mount Bracket WV-Q188**
- **Corner Mount Bracket WV-Q189**

### Optional Software

#### Plug-in Software for i-VMD
- **WV-SAEE200**
- **i-VMD**
- **i-VMD**
- **i-VMD**
- **i-VMD**
- **i-VMD**
- **i-VMD**
- **i-VMD**
- **i-VMD**
- **i-VMD**

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### Important Information
- **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 are subject to change without notice.**