Half The Size...All The Performance.

It’s amazing how much performance is packed into Panasonic’s new WV-CP254H. The camera measures only 67mm wide by 72.5mm deep (2-5/8” x 2-7/8”) yet it packs features and performance you would expect to find on cameras more than twice its size.

The WV-CP254H features Day/Night operation that automatically switches the camera from full color operation to the black and white mode when illumination levels drop, which makes the unit ideal for 24-hour surveillance applications. Additional performance features include a horizontal resolution of 480 lines in color and 570 lines in black-and-white; 50dB signal to noise ratio; minimum illumination of only 1.0 lux (0.1 fc) in color, and 0.15 lux (0.015 fc) in black-and-white at F1.4 lens (optional); Back Light Compensation (BLC), Aperture Correction, Automatic Gain Control (AGC), and Automatic Tracing White Balance (ATW).

The WV-CP254H’s small size and big features make it the ideal choice for numerous applications. It’s unobtrusive to blend into virtually any architectural environment while enhancing the performance of your security system.

**KEY FEATURES**

- 1/3-type CCD color image sensor.
- Day/Night operation switches from selected color mode to B/W mode, automatically or manually.
- Super sensitivity of 1.0 lux (0.1 fc) in color mode, and 0.15 lux (0.015 fc) in B/W mode at F1.4 lens (optional).
- 480-line resolution in color mode, and 570-line in B/W mode.
- Signal to noise ratio of 50dB.
- Electronic shutter from 1/60 to 1/15,000 sec.
- Built-in Back Light Compensation (BLC) mode selector.
- Digital signal processing LSI’s for high quality pictures.
- Automatic Gain Control (AGC) and Automatic Tracing White Balance (ATW).
- Highlight detail aperture correction.
- Internal or Line-lock synchronization modes.
- Multiplexed Vertical Drive (VD2) sync capability with Panasonic system products.
- Accepts CS mount lens (lens optional).

**WIDE VARIETY OF OPTIONAL LENSES**

<table>
<thead>
<tr>
<th>Auto Iris Lenses</th>
<th>High-Speed Lenses</th>
<th>Zoom Lenses</th>
<th>Vari-focal Lenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>WV-LA2R8C3B</td>
<td>WV-LA210C3</td>
<td>WV-LZ61/10</td>
<td>WV-LZA61/2</td>
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<tr>
<td>WV-LA4R5C3B</td>
<td>WV-LA408C3</td>
<td>WV-LZ61/15</td>
<td>WV-LZF61/2</td>
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<tr>
<td>WV-LA9C3B</td>
<td>WV-LA908C3</td>
<td>WV-LZ62/15</td>
<td>WV-LZ62/8</td>
</tr>
</tbody>
</table>
**SYSTEM EXAMPLES**

1. with Panasonic Digital Disk Recorder; WJ-HD200
   - for indoor monitoring
     - WV-CP524H x 4
   - for outdoor monitoring
     - WV-CW506A x 4

![Diagram](image)

**SPECIFICATIONS**

- **Pick-up Device**: 771 (H) x 492 (V) pixels, interline transfer CCD
- **Scanning Area**: 0.59 (H) x 4.68 (V) (equivalent to scanning area of 1/3" pick-up tube)
- **Synchronization**: Internal, line-locked or Multiplexed Vertical Drive (VD2), selectable
- **Scanning System**: 1:1 Interface
- **Scanning**: 480 lines at color mode, 570 lines at B/W mode
- **Dimensions (without lens)**: 33.5(W) x 31(H) x 72.5(D) mm (1-3/4"(W) x 1-1/16"(H) x 2-3/4"(D))
- **Weights (without lens)**: 230 g (0.7 lbs.)

**OPTIONAL COMPONENTS**

- **DIGITAL DISK RECORDER**: WJ-HD200 (with 8ch Multiplier)
- **DIGITAL MULTIPLEXERS**: WJ-FS416 (16ch), WJ-FS409 (9ch)
- **COLOR MONITORS**: WV-CM2080, WV-CM1780, WV-CM1480, WV-CM1420, WV-CM1020
- **CONTROL SYSTEM**: Matrix System 150

**MAJOR OPERATING CONTROLS**

- Auto Iris Lens Connector
- Focus Lock Knob
- Lens (option)
- Mount Adapter
- Lens Drive Signal Selector
- Synchronization Mode Selector
- Back Light Compensation Mode Selector
- Power Cable
- Night / Day / Night Mode Selector
- Power Indicator
- Detail / Aperture Level Selector
- Electronic Light Control
- Auto-Iris Light Control Selector
- Day / Night Input Terminal
- Detail / Aperture Level Selector
- Electronic Light Control Selector
- Auto-Iris Lens Connector
- Focus Lock Knob
- Lens (option)
- Mount Adapter
- Lens Drive Signal Selector
- Synchronization Mode Selector
- Back Light Compensation Mode Selector
- Power Cable
- Night / Day / Night Mode Selector
- Power Indicator
- Detail / Aperture Level Selector
- Electronic Light Control

**APPEARANCE**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Unit: mm (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>31(1/8&quot;)</td>
<td>67(2-5/8&quot;)</td>
</tr>
<tr>
<td>72.5(2-7/8&quot;)</td>
<td>5(3/16&quot;)</td>
</tr>
<tr>
<td>33.5(1-5/16&quot;)</td>
<td>16(11/16&quot;)</td>
</tr>
<tr>
<td>130.5(5-1/8&quot;)</td>
<td>2-1/4(52.4mm)</td>
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</tbody>
</table>

**DISTRIBUTED BY:**

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