

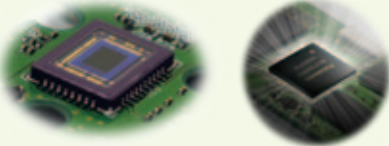

SmartHD One series

 <p>WV-SW175 NEW Outdoor Pan-tilt HD Network Camera</p>	 <p>WV-SW174W NEW Outdoor Pan-tilt Wireless HD Network Camera</p>	 <p>WV-SW172 NEW Outdoor Pan-tilt Network Camera</p>	 <p>WV-ST165 NEW Pan-tilt HD Network Camera</p>
 <p>WV-ST162 NEW Pan-tilt Network Camera</p>	 <p>WV-SW155/SW155M NEW Super Dynamic HD Vandal Resistant Dome Network Camera</p>	 <p>WV-SF135 NEW HD Dome Network Camera</p>	 <p>WV-SP105 NEW HD Network Camera</p>
	<p>WV-SW152/SW152M Super Dynamic Vandal Resistant Dome Network Camera</p>	<p>WV-SF132 Dome Network Camera</p>	<p>WV-SP102 Network Camera</p>

System Products

<p>WJ-NV200 Video Decoder built-in 16ch Network Disk Recorder with Face Matching capability</p> 	<p>BB-HNP17 Network Camera Recorder with Viewer Software</p> 
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eco ideas Eco

<p>New ECO Device</p>  <p>New MOS sensor UniPhier®</p>	<p>Simplified System Design</p>  <p>PC-less system</p>
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Panasonic

ideas for life

1 Series

i-PRO SmartHD

What's i-PRO SmartHD ?



Smart investment with more than just video surveillance

- Better identification far beyond your experience
- Cost Saving upon Total Cost Ownership
- More than just video surveillance with intelligence

1 Series SmartHD

SmartHD 1 series

Pan/Tilt (outdoor) NEW



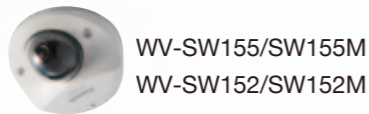
Pan/Tilt (indoor) NEW



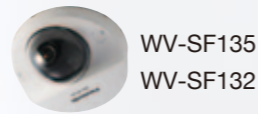
Box (indoor)



Fixed dome (outdoor) NEW



Fixed dome (indoor) NEW



High Picture Quality

- UniPhier 1 chip solution
- Multiple H.264 High Profile Streams
- On-device Intelligence Support
- High sensitivity RGB MOS image sensor
- Real Time HD Video Processing

SmartHD 1 series concept

Compact but, Smart and Versatile

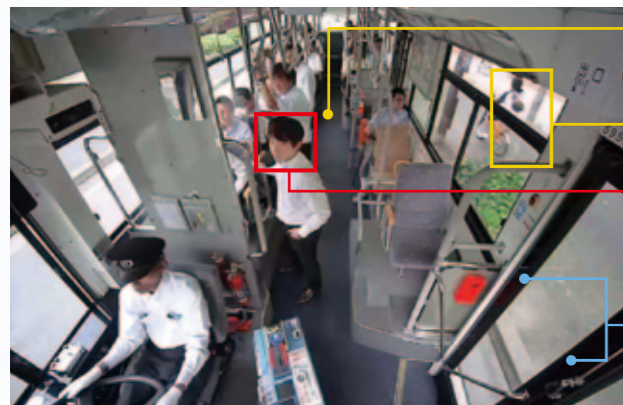
1 series network camera comes with the latest Panasonic advanced technology including face detection and *Super Dynamic features.

Compact and stylish design

Will just suit any environment from buildings, retail, factory, restaurants, hospitals etc...

From Pan/Tilt cameras, box cameras, fixed dome cameras, Panasonic 1 series provides you a wide camera selection which will support you in many surveillance scenes. *Please refer to individual product leaflet for detailed supported features

High Picture Quality



Mega Super Dynamic / WDR* feature

Clear and brighter image both within and out of the compartment where lighting conditions vary.

*Wide Dynamic Range

Face Super Dynamic / WDR* feature

Additional Super Dynamic / WDR effect on facial area to get clearer and brighter recognition of persons face.

Wide angle view but very low lens distortion

Though adopting wide angle lens, very low lens distortion on the edges to provide more natural image reproduction.

WV-SW155

Sample Movie URL

Bus transit (front camera)

<http://www.youtube.com/watch?v=nCTUauu6Ld4>



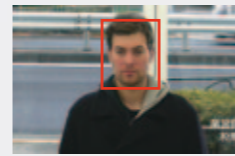
Bus transit (rear camera)

<http://www.youtube.com/watch?v=9OBsQOFuUg8>



Smart and Versatile Advanced features

Face detection & recognition



Face recognition is possible with the combination of 1 series network camera* with built in face detection function and Panasonic network disk recorder (WJ-NV200).

* Exclude WV-SP105/SP102

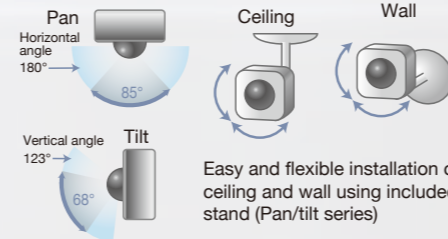


Preset map shot*1



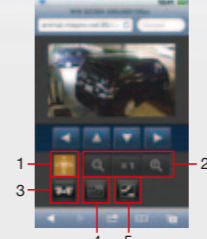
Pan/tilt series comes with preset map shot function for direct jump to any preset position.

Pan/Tilt view and Easy installation*1



Easy and flexible installation on ceiling and wall using included stand (Pan/tilt series)

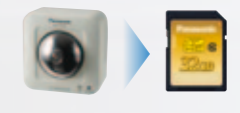
Smart Phone Monitoring



Live monitoring on your palm. Direct camera control from your smart phone.

- 1 Pan/Tilt
- 2 Zoom display
- 3 Preset
- 4 Change resolution
- 5 AUX control

Edge recording on SD card*3



Built-in SD memory card slot. Detect network loss, and start recording. 32GB SD can be saved 94.3hours. 8.0GB/day



All models are Onvif compliant. Panasonic is an official member of Onvif committee.

Other functions

- Day & Night mode
- Audio function*1
- IP66 / Vandal Proof*2
- DNR (Digital Noise Reduction)
- Extra optical zoom (Exclude WV-SF132/SP102)
- Support 16:9 resolution
- Wireless transmission (WV-SW174W)
- Privacy zone masking
- PoE*3

*1 WV-SW175/WV-SW174W/WV-SW172/WV-ST165/WV-ST162 *2 WV-SW155/WV-SW152 *3 Exclude WV-SW174W

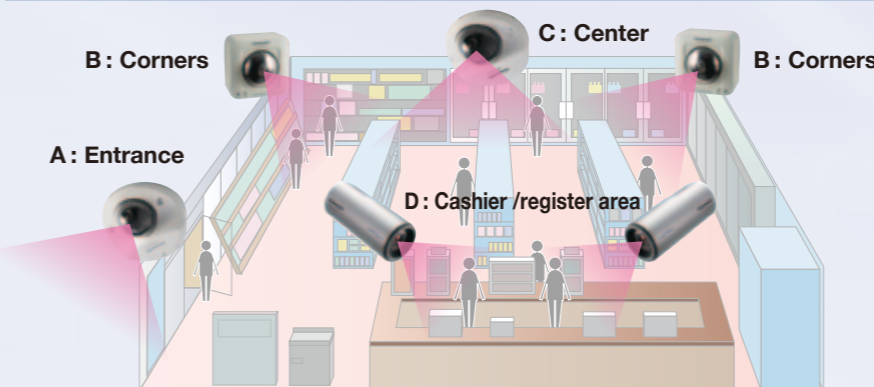
New Stylish Design



Simplicity and elegant, SmartHD 1 series will just suit any environment



Application Solution (retail)



System diagram



A: Entrance



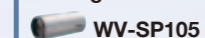
- 720p high quality picture
- 104 degree wide clear view
- IP66 & Vandal Proof body, compact but tough
- Mega Super Dynamic function for back-light compensation
- Face detection supports system to detect unwanted visitors

B: Corners

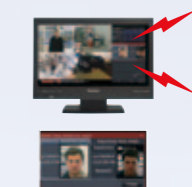


- 720p high quality picture
- Pan/tilt and preset map shot function realizes wide range monitoring (Horizontal angle 180°/ Vertical angle 123°)
- Face detection
- Compact design camera w/PT function

D: Register Area



- 720p high quality picture
- Extra optical zoom function for closer view at the cashier machine
- Stylish compact design box type camera with built in lens



Face detection and recognition



Gender / Age recognition, people counting features available by combining WJ-NV200 and WJ-NVF20.