

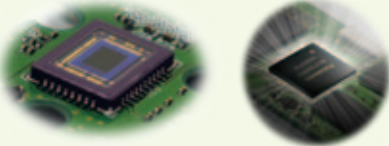

## SmartHD One series

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

## System Products

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

<p><b>New ECO Device</b></p>  <p>New MOS sensor UniPhier®</p>	<p><b>Simplified System Design</b></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



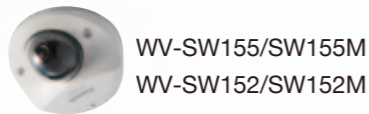
### Pan/Tilt (indoor) NEW



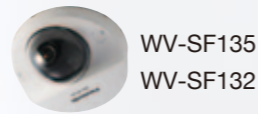
### Box (indoor)



### 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

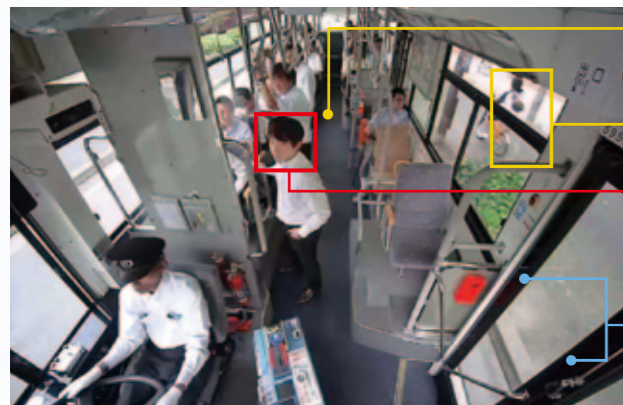
1 series network camera comes with the latest Panasonic advanced technology including face detection and \*Super Dynamic features.

### 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>



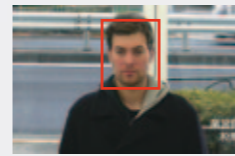
Bus transit (rear camera)

<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).

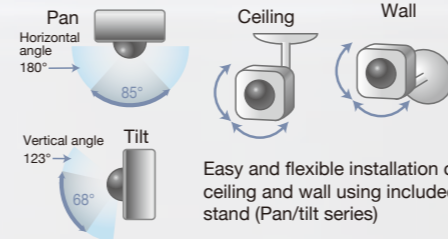
\* Exclude WV-SP105/SP102

### Preset map shot\*1



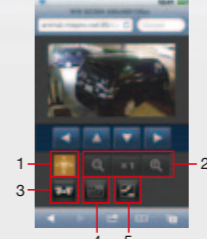
Pan/tilt series comes with preset map shot function for direct jump to any preset position.

### Pan/Tilt view and Easy installation\*1



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

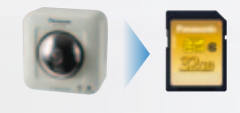
### Smart Phone Monitoring



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

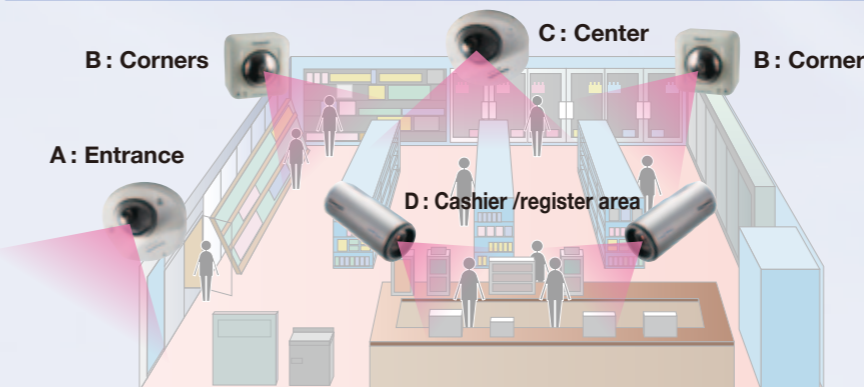
## New Stylish Design



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



## Application Solution (retail)



### System diagram



### A: Entrance

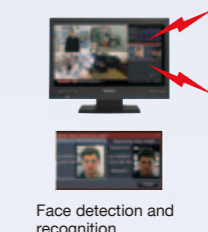
- WV-SW155
- 720p high quality picture
- 104 degree wide clear view
- IP66 & Vandal Proof body, compact but tough
- Mega Super Dynamic function for back-light compensation
- Face detection supports system to detect unwanted visitors

### B: Corners

- WV-ST165
- 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

- WV-SP105
- 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.