Panasonic

Super Dynamic Weather Resistant Full HD PTZ Dome Network Camera WV-SW598



Full HD / 1,920 x1,080 H.264 Weather Proof Camera featuring Optical 30x zoom and Super Dynamic

Key Features

- 1080p HD images up to 30 fps
- 2.4 Megapixel high sensitivity MOS Sensor
- Super high resolution at Full HD / 1,920 x 1,080 created by 2.4 Megapixel high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by new "UniPhier®", Panasonic's proprietary System LSI platform.
- Full frame (Up to 30 fps) transmission at 1,920 x 1080 image size
- 30x optical zoom
- 90x extra optical zoom at 640x360 resolution with 12x digital zoom enabling 1080x zoom.
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 128x wider dynamic range compared to conventional cameras.
- Face Super Dynamic Range technology ensures clear face image.
- High sensitivity with Day & Night (IR) function:
 0.5 lx (Color), 0.06 lx (B/W) at F1.6
- VIQS (Variable Image Quality on Specified area) technology allows the designated
 2 areas to retain higher image quality while the excluded area will have a decreased image quality, which enables to use lower image file size and bit rate.

 VIQS can be set on preset position (1 to 8) and except preset.
- Digital Noise Reduction: 3D-DNR ensures noise reduction in various conditions.
- Progressive scan ensures clear images with less motion blur and no tearing even when the subject is moving.
- Electronic sensitivity enhancement: Auto (Up to 16x) / OFF
- Selectable light control modes:
 Outdoor scene / Indoor scene (50 Hz) / Indoor scene (60 Hz) / Fix shutter
 Indoor scene (50 Hz / 60 Hz): Flicker caused
 by fluorescent lightning will be automatically compensated.
- 360 degrees endless Panning
- Advanced auto tracking: The camera automatically pans and tilts to follow a moving subject and keep it in the center of the image.
- PTZ control can be taken very smoothly on the user friendly GUI with 16 speeds pan/tilt and new "Drag and Zoom" operation enabling finer control. 256 speeds available for system with WV-CU950 system controller.
- Up to 256 preset positions
- 360 map shot: 8 thumbnail images at 45 deg. intervals make it simple to direct the camera easily by clicking on a thumbnail.
- Industrial grade Pan / Tilt / Zoom mechanism for high reliability
- VMD (Video Motion Detection) with 4 programmable detection areas,
 15 steps sensitivity level and 10 steps detection size
- Privacy Zone can mask up to 32 private areas, such as house windows and entrances/exits.
- Camera title display: Up to 20 alphanumeric characters on the browser

- Alarm sources including 3 terminal input, VMD and Panasonic alarm command can trigger
 actions such as SDXC/SDHC/SD memory recording, FTP image transfer, E-mail notification,
 Indication on browser, Alarm terminal output, and Panasonic alarm protocol output.
- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.
- JPEG Image compression ratio can be changed by alarm so that higher quality image can be provided.
- Prioritized stream control: One of the video streams can be prioritized when multiple recorders or client PCs are accessing the camera so that the recorder or the client PC can maintain the frame rate.
- SDXC/SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- H.264 max. bit rate / client and Total bit rate control allows flexible network traffic management. Frame rate priority mode controls bit rate and compression ratio to provide the specified frame rate.
- Internet mode: H.264 images can be transmitted over HTTP protocol.
- Multi-language: English / Italian / French / German / Spanish / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- Onvif compliant model
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- Dehumidification device for use in various weather conditions
- Rain wash coat dome cover
- Ambient Operating Temperature : -50 °C ~ +55 °C (-58 °F ~ 131 °F)
- Fog and Sandstorm compensation
- AEM (Auto Eyelid Mechanism) offers images that are more natural and easy to watch reducing doubled images when direction of the lens moved above the horizontal.

Standard Accessories

| • CD-ROM*1 | | | | |
|--|----------------|--|--|--|
| The followings are for installation. Protection Cover | . Code Label 2 | | | |

Optional Accessory

Wall Mount Bracket

WV-Q122 / WV-Q122A (Launches in September 2013)

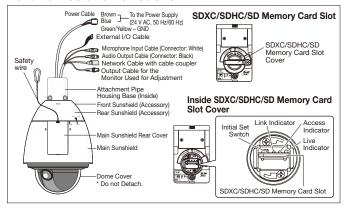
| Camera | Image Ser | | Approx.1/3 type MOS Sensor |
|--------------------|--|---|--|
| | Effective P | Pixels | Approx. 2.4 megapixel |
| | Scanning I | Mode | Progressive scan |
| | Scanning / | | 5.38 mm (H) x 3.02 mm (V) {7/32 inches(H) x 1/8 inches(V)} |
| | Minimum I | llumination | Color: 0.5 lx, BW: 0.06 lx (F1.6, Auto slow shutter: Off (1/30s), Gain:On(High)) |
| | White Bala | nce | Color: 0.03 lx, BW 0.004 lx (F1.6, Auto slow shutter: Max. 16/30s, Gain:On(High)) AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 I) |
| | Light Cont | | Outdoor scene: Automatic integration of ALC and ELC |
| | Ligiti Cont | i oi iviode | Indoor scene [50 Hz]: Automatic integration of ALC and ELC (up to 1/100 s |
| | | | Indoor scene [60 Hz]: Automatic integration of ALC and ELC (up to 1/120 s |
| | | | Fix shutter |
| | Shutter Sp | eed | Fix shutter: 1/30, 3/100, 3/120, 2/100, 2/120, 1/100, 1/120, 1/250, |
| | | | 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 (only at Super Dynamic Off |
| | Super Dyn | | ON/OFF |
| | Face Supe | | ON / OFF (Only at Super Dynamic: ON) ON / OFF (Only at Super Dynamic: OFF) |
| | Adaptive Black Stretch Fog compensation AGC Electronic Sensitivity UP Day & Night (IR) | | ON / OFF |
| | | | ON (LOW, MID, HIGH) / OFF |
| | | | OFF / AUTO (Max. 2x (2/30 s), 4x (4/30 s), 6x (6/30 s), 10x (10/30 s), 16x (16/30 s |
| | | | Mode: AUTO1 / AUTO2 / AUTO3 / ON / OFF, Level: High / Low, with external contr |
| | Digital Noi | se Reduction | High / Low |
| | Video Motion Detection Privacy Zone Image Stabilizer VIQS | | 4 areas, Sensitivity: 15 steps, Detection size: 10 steps |
| | | | Up to 8 zones / Up to 32 zones, Gray / Mosaic |
| | | | ON / OFF |
| | | age Reduction | Up to 2 zones at preset position 1-8 and except preset ON / OFF |
| | Camera Ti | | Up to 20 characters (alphanumeric characters, marks) |
| | Focus dist | | Limited / Unlimited |
| Lens | Focal Leng | | 4.3 mm ~129.0 mm, 30x |
| | Zoom Rati | io | 30x / 90x with extra optical zoom (at 640x360) |
| | Digital (Ele | ctrical) Zoom | 12x (Max. 1080x combined with extra optical zoom at 640x360) |
| | Angular Fi | eld of View | H: 2.6° (TELE) ~ 64.6° (WIDE) |
| | M- : | A | V: 1.6° (TELE) ~ 38.2° (WIDE) |
| | | Aperture Ratio | 1 : 1.6 (WIDE) ~ 4.7 (TELE) |
| | Focusing F Aperture F | | 2.0 m ~ ∞ F1.6 ~ Close |
| Pan and Tilt | Panning R | | 360° endless |
| Pan and Till | Panning S | | Manual: approx. 0.065°/s ~ 120°/s, Up to 256 steps (depending on the controlle |
| | l aming o | pood | Preset: up to approx. 300°/s |
| | Tilting Ran | ige | -15° ~ 195° (upward-level-downward) |
| | .5 | | Auto Eyelid Mechanism (Double image reduction) |
| | | | Selectable tilting angle: 0° / -5°/ -10° / -15 |
| | Tilting Spe | ed | Manual: approx. 0.065°/s ~ 120°/s, Up to 256 steps (depending on the controlle |
| | D | I Day (Tilk Cantual) | Preset: up to approx. 300°/s |
| | | Preset Positions | Yes 256 |
| | Auto Mode | | preset sequence / auto pan / auto track / patrol |
| | Image Hol | | ON / OFF |
| | PTZ Position Display | | ON / OFF |
| | Self Return | | 10 s / 20 s / 30 s / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 mi |
| | Map Shot | | 360° map shot / preset map shot |
| Browser Camera Con | | ontrol | Pan/Tilt (256 steps), Zoom, Focus, Click centering, Drag zoom, Iris, |
| GUI | Display Mode Camera Title | | Preset position call and program, Auto mode |
| | | | Spot, Quad: Image from 16 cameras can be displayed in 4 different Quad |
| | | | screens or 16 split screen (JPEG only). 20 characters camera title availabl Up to 20 alphanumeric characters |
| | Clock Display | | Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manual |
| | Alarm Control | | Reset |
| | One Shot Capture | | A still picture will be displayed on a newly opened window. |
| | Audio | | Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High, |
| | | | Audio Output: ON / OFF Volume adjustment: Low / Middle / High |
| | SD Memory Data Download | | |
| | | Menu Language | English / Italian / French / German / Spanish / Russian / Chinese / Japanes |
| | System Lo | '9 | Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error log- |
| | Supported | I OS *2 *3 | Microsoft® Windows® 8, Microsoft® Windows® 7, |
| | | - | Microsoft® Windows Vista®, Microsoft® Windows® XP SP3 |
| | Supported | Browser | Windows® Internet Explorer® 10.0 (32 bit), Windows® Internet Explorer® 9.0 (32 bit) |
| | | | Windows® Internet Explorer® 8.0 (32 bit), Windows® Internet Explorer® 7.0 (32 bit) |
| Network | Network IF | | 10Base-T / 100Base-TX, RJ-45 connector |
| | Image | Image Capture Mode: | H.264 : 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps |
| | Resolution | 2 mega pixel [16:9] | JPEG (MJPEG): 1,920 x 1,080 / 640 x 360 / 320 x 180, up to 30 fps |
| | | Image Capture Mode: | H.264 : 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps |
| | | 1.3 mega pixel [16:9] | JPEG (MJPEG): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps |
| | | Image Capture Mode: | H.264 : 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp |
| | | 1.3 mega pixel [4:3] | JPEG (MJPEG): 1,280 x 960 / VGA(640 x 480) / QVGA(320 x 240), up to 30 fp |
| | H.264 *4 | Transmission Mode | Constant bitrate / Frame rate priority / Best effort /Advanced VBR |
| | | Frame Rate | 1/3/5/7.5/10/12/15/20/30 fps |
| | | Bit Rate/Client | 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / |
| | | | 4,096 / 6,144 / 8,192 / 10,240 / 12,288 / 14,336 kbps |
| | | Imago Ovolite | |
| | | Image Quality | LOW / NORMAL / FINE |
| | | Refresh Interval | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s |
| | JPEG | Refresh Interval Transmission Type | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST |
| | JPEG | Refresh Interval Transmission Type Image Quality | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps |
| | JPEG | Refresh Interval Transmission Type Image Quality | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps |
| | JPEG Audio Com | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps |
| | | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type | LOW / NORMAL / FINE 0.2/0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH |
| | Audio Com | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex) |
| | Audio Com Audio Mode Authenticat | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression e ion for Audio | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users |
| | Audio Com Audio Mode Authenticat Total Bit Ra | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression e tion for Audio atte | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimite |
| | Audio Com Audio Mode Authenticat | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression e tion for Audio atte | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection OFF / Mic (Line) input / Audio output / Interactive (Full duplex) Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,046 / 4,096 / 8,192 kbps / Unlimite IPA6: TOP/IP, UDPIP, HTTP, HTTPS, RTP, FTP, SMP, DNS, NTP, SNMP, DHCP6, CMP, AF |
| | Audio Com Audio Mode Authenticat Total Bit Ra | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression e tion for Audio atte | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex) Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,046 / 4,096 / 8,192 kbps / Unlimite 1Pv4: TCP/P, UDP/P, HTTP, HTTP, RTP, FTP, SMTP, DNS, NTP, SNMP, DNCP-6, INS, DNP, PM-7, DNS, DNP, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP-7, DNS, DNP-7, DNP |
| | Audio Com Audio Mode Authenticat Total Bit Re Supported | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression e eion for Audio ate Protocol | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection 0FF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex) Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 152 / 768 / 1,024 / 2,048 / 4,096 / 8,192 kbps / Unlimite IPA: TOPIP, UDPIP, HTTP, HTTPS, RTP, FTP, SMTP, DNS, NTP, SMMP, DHCNe, ICMP, AN NTP, SMMP, UPAP, IGMP, ICMP, ARP |
| | Audio Com Audio Mode Authenticat Total Bit Ra | Refresh Interval Transmission Type Image Quality Refresh Interval Transmission Type pression e eion for Audio ate Protocol | LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps for transmitting, AAC for audio recording and sound detection OFF / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex) Level 1 only / Level 2 higher / All users 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 2,046 / 4,096 / 8,192 kbps / Unlimite 1Pv4: TCP/P, UDP/P, HTP, HTPS, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCP-6, DNS, DNP 1Pv4: TCP/P, UDP/P, HTP, HTPS, RTP, FTP, STP, RTP, RTPRTCF, FTP, SNMP, DHCP-6, DNS, DNS |

No. of Simultaneous Users Up to 14 users (Depends on network conditions)

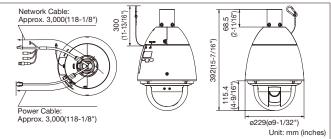
| Network | SDXC/SDHC/SD | H.264 recording (Audio recording is enable): Manual REC / Alarm REC |
|---------|-------------------------------|---|
| | Memory Card (Option) | (Pre/Post) / Schedule REC |
| | | JPEG recording: Manual REC / Alarm REC (Pre/Post) / Backup upon |
| | | network failure Compatible |
| | | SD (SDHC/SDXC) card: Panasonic |
| | | 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB*, 64GB** mode |
| | | *SDHC card, ** SDXC card (except miniSD card and microSD card) |
| | Cellular Phone Compatibility | JPEG image |
| | Mobile Terminal Compatibility | iPad, iPhone, iPod touch |
| Alarm | Alarm Source | 3 terminals input, VMD, Command alarm, Sound detection |
| | Alarm Actions | SDXC/SDHC/SD memory recording, E-mail notification, |
| | | Indication on browser, FTP image transfer, Panasonic protocol output |
| | Alarm Log | With SDXC / SDHC / SD memory card: 5,000 logs, |
| | | without SDXC / SDHC / SD memory card: 1,000 logs |
| | Schedule | Alarm / VMD / Access permission / H.264 recording / Sound detection |
| Input/ | Monitor Output | VBS: 1.0V[p-p] / 75Ω, |
| | (for adjustment) | NTSC / PAL composite, BNC Jack |
| | Microphone/Line Input | MIC IN and Line IN are selectable. ø3.5 mm stereo mini jack |
| | | (monaural input) (Applicable microphone: Plug-in power type) |
| | | Supply voltage: 2.5 V ±0.5 V Input impedance: approx. 2 kΩ |
| | Audio Output | ø3.5 mm stereo mini jack (monaural output) Line level |
| | External I/O Terminals | ALARM IN 1 / DAY/NIGHT IN, ALARM IN 2 / ALARM OUT, ALARM IN 3 / AUX OUT |
| General | Safety/EMC Standard | <safety></safety> |
| | | UL (UL60950-1), C-UL (CAN/CSA C22.2 No.60950-1), CE, IEC60950-1 |
| | | <emc></emc> |
| | | FCC Part15 Class A, ICES-003 Class A, EN55022 Class B, EN55024 |
| | Power Source and | AC24 V: 3.5 A, 55 W |
| | Power Consumption | PoE+: 470 mA, 25 W (IEEE802.3at compliant) |
| | | POE Injector (60 W): 1.0 A, 50 W |
| | Ambient Operating | AC24 V and Tested PoE Injector (60 W): -50 °C ~ +55 °C (-58 °F ~ 131 °F) * with limitations |
| | Temperature | POE+: -30°C ~ +55°C (-22 °F ~ 131 °F) |
| | Ambient Operating Humidity | Less than 90 % (no condensation) |
| | Impact Protection | IEC 62262:2002 IK10 (Impact energy 20J) |
| | Water and Dust Resistance | IP66, IEC60529 measuring standard compatible |
| | Dimensions | ø229 mm x 392 mm(H) {ø9-1/32 inches x 15-7/16 inches(H)} |
| | | diameter of the dome 160 mm(6-5/16 inches) |
| | Mass (approx.) | Approx. 5.0 kg { 11.04 lbs} |
| | Finish | Main body : Aluminum die cast, Natural silver |
| | | Sunshields : ASA resin coating, Natural silver |
| | | |

^{*1} Converted value

Part Names and Functions



Appearance



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 UniPhier is a registered trademark of Panasonic Corporation.
- "MEGA Super Dynamic", "i-PRO SmartHD" logos are trademarks or registered trademarks of Panasonic Corporation. - ONVIF and the ONVIF logo are trademarks of ONVIF Inc.

- Important
 Safety Precaution: Carefully read the operating instructions and installation manual 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.
 These products may be subject to export control regulations. All product pictures are NTSC models.

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² Refer to Notes on Windows Vista® / Windows® 7 / Windows® 8° on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft® Windows® 8 or Microsoft® Windows® 7 or Microsoft® Windows Vista®. ³ When using IPA6 for communication, use Microsoft® Windows® 8 or Microsoft® Windows® 7 or Microsoft® Windows Vista®. ⁴ Transmission for 2 streams can be individually set in the same compression method.