

Outdoor Pan-tilt Wireless Network Camera WV-SW174W



HD / 1,280 x 960 H.264 Pan-tilt Wireless Network Camera

Key Features

- 720p HD images up to 30 fps
- 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams and JPEG streams ensure simultaneous real time monitoring and high resolution recording by "UniPhier®", Panasonic's proprietary System LSI platform.
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
 Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies
- deliver wider dynamic range compared with conventional cameras.Face Wide Dynamic Range technology ensures clear face image.
- High sensitivity with Day & Night (Electrical) function:
- 0.6 lx (Color), 0.5 lx (B/W) at F2.2
- 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: Indoor scene (50 Hz) / Indoor scene(60Hz) / ELC (maximum exposure time) Indoor scene (50 Hz/60Hz): Flicker caused by fluorescent lightning will be automatically compensated.
- ELC (maximum exposure time): The lightning control will be automatically performed by adjusting shutter speed in the range of ELC.
- 2x extra zoom at VGA resolution
- 8x digital zoom controlled by browser
- VMD (Video Motion Detection) with 4 programmable detection areas, 15 steps sensitivity level and 10 steps detection size
- Face detection function detects the position of human face and the information is sent by XML or video stream.
- Meta data for VMD works with the WJ-ND400 playback VMD function.
- Privacy Zone can mask up to 2 private areas, such as house windows and entrances/exits.
- Camera title display: Up to 20 alphanumeric characters on the browser
- Alarm sources including VMD and Panasonic alarm command can trigger actions such as FTP image transfer, E-mail notification, Indication on browser, and Panasonic alarm protocol output.
- 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.

- 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
- Panning/tilting and Preset Map Shot function realizes wide range monitoring..(Horizontal angle:180° Vertical angle 123°)
- Easy installation: Easy to adjust directions.
- Interactive communication with audio: By using the audio output connector and the microphone in connector, receiving audio from the cameras on a PC and transmitting audio from the PC to the cameras is available.
- IP55 rated water and dust resistant. Compatible with IEC60529
- Best effort on Transmission priority: In accordance with the network bandwidth, H.264 images will be transmitted with the bit rate varying between the maximum and minimum bit rates that are set for "Max bit rate (per client)".
- Smartphone monitoring : Direct camera control from smartphone
- Wireless LAN function (IEEE802.11 n/g/b) : Camera images can be monitored over a wireless router.
- WPS (Wi-Fi Protected Setup) function : WPS enables the camera to automatically obtain the connection configuration information and the security configuration information of the wireless router. WPS can be configured by pressing the WIRELESS button (WPS indicator) (PBC method) or entering an 8 digit pin code (Pin code method).

Standard Accessories

| Installation Guide | Foam Strip 1 pc. Power cable plug 1 pc. AC Adaptor (NTSC model only) 1 pc. AC Cord (NTSC model only) 1 pc. Extension Cord (NTSC model only) 1 pc. |
|---|---|
| *1 The CD-ROM contains the operating instructions and | different kinde of tool ooffware programs |

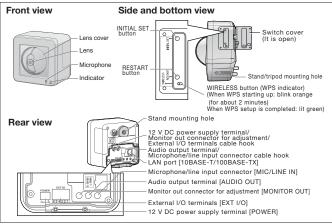
Specifications

| | | | NTSC | PAL | |
|---------------------------------|--|--|--|--|--|
| Camera | Image Sense Effective Pix | | 1/4 type MOS Sensor | | |
| | | | Approx. 1.3 megapixels Progressive | | |
| | Scanning Mode Scanning Area | | 3.52 mm (H) x 2.64 mm (V) (7/50 | " (H) × 1/10" (M) | |
| | Minimum IIIu | | Color: 0.6 lx (F2.2, Auto slow shutter: Off (1/30s), Gain:On(High)) | | |
| | | | Color: 0.038 lx (F2.2, Auto slow shu | | |
| | | | BW: 0.5 lx (F2.2, Auto slow shutter: | | |
| | | | BW: 0.031 lx (F2.2, Auto slow shutter: Off (16/30s), Gain:On(High)) ¹ | | |
| White Balance | | се | AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K) Indoor scene (50 Hz / 60 Hz) / ELC | | |
| | Light Control Mode | | | | |
| | Shutter Spee | | ELC (1/30 s), ELC (3/100 s), ELC (3/120 s), ELC (2/100 s), ELC (2/120 s), | | |
| | | | ELC (1/100 s), ELC (1/20 s), ELC (1/250 s), ELC (1/500 s), ELC (1/1,000 s) ELC (1/2,000 s), ELC (1/4,000 s), ELC (1/10,000 s) ON / OFF | | |
| | Wide Dynam | | | | |
| | | | ON / OFF | | |
| | Adaptive Bla | ck Stretch | | | |
| | AGC | | ON (HIGH) / ON (MID) / ON (LOW) / OFF | | |
| | Electronic Se | | OFF (1/30 s), Max. 2/30 s, Max. 4/30 s, I | Max. 6/30 s, Max. 10/30 s, Max. 16/30 s | |
| | Day & Night | | OFF / AUTO | | |
| | Dynamic Range Digital Noise Reduction | | 24 dB typ. (WDR: ON, Light Control: ELC) HIGH / LOW | | |
| | | | | | |
| | Video Motion Detection | | ON / OFF, 4 areas available | | |
| | Privacy Zone | | ON / OFF (up to 2 zones available) | | |
| | Camera Title (OSD) | | Up to 20 characters (alphanumeric characters, marks) , On/Off | | |
| Lens | Focal Lengt | 1 | 1.95 mm | 2) | |
| | Zoom Ratio | d of Micro | Extra zoom: 2x (at VGA resolution) | | |
| | Angular Field of View Maximum Aperture Ratio | | Horizontal: 85 °, Vertical: 68 ° | | |
| | | | | | |
| Don and The | Focusing Ra | | 0.5 m ~ ∞ | | |
| ran and Lift | Panning Rang | | -47.5° +47.5° Manual: Approx. 5 °/a - 80 °/a Braggt: Up to approx. 80 °/a | | |
| | Panning Speed | | Manual: Approx. 5 °/s - 80 °/s, Preset: Up to approx. 80 °/s | | |
| | Tilting Range | | -45° to +10° | | |
| | Tilting Speed Number of Preset Positions | | Manual: Approx. 5 °/s - 80 °/s, Preset: Up to approx. 80 °/s | | |
| | | | 64 ON (OEE | | |
| | PTZ Position Display | | ON / OFF 10 s/ 20 s/ 30 s/ 1 min/ 2 min/ 3 min/ 5 min/ 10 min/ 20 min/ 30 min/ 60 min | | |
| | Self Return | | Preset map-shot | | |
| Prowoor CIII | Map Shot | | Brightness, AUX ON / OFF | | |
| browser doi | Camera Control Display Mode | | | | |
| | Display Woo | e | Spot, Quad: Image from 16 cameras can be displayed in 4 different Quad screens or 16 split screen (JPEG only). 20 characters camera title available. | | |
| | Zoom | | extra zoom(1x - 2x) and the electronic zoom (higher zoom factors, up to 16x). | | |
| | Camera Title | | 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 | Auro | Mic (Line) Input: ON / OFF Volume adjustment: Low / Middle / High, | | |
| | Audio | | Audio Output: ON / OFF Volume adjustment: Low / Middle / High, | | |
| | GUI/Setup Menu Language | | | | |
| | System Log | | Up to 100 (Internal) error logs | | |
| | Supported OS 12 13 | | Microsoft® Windows® 7, Microsoft® Windows Vista®, Microsoft® Windows® XP SP3 | | |
| | Supported Browser | | Windows® Internet Explorer® 9.0 (32 bit), Windows® Internet Explorer® 8.0 (32 bit), | | |
| | | | Windows Internet Explorer 9.0 (32 bit), Windows Internet Explorer 6.0 (32 bit), Windows® Internet Explorer® 7.0 (32 bit), Microsoft® Internet Explorer® 6.0 SP3 | | |
| Wireless | Antenna 802.11n | | 1 x 1 (Diversity) | | |
| Wireless | Transmission system | | SISO (Single Input/Single Output)-OFDM system, OFDM system, DSSS system | | |
| | Communication standard | | International standard IEEE802.11 n / IEEE802.11 g / IEEE802.11 b compliant | | |
| | | n standard | WV-SW174W: IEEE802.11 n/g/b WV-SW174WE: IEEE802.11 n/g/b | | |
| | | | WV-SW174W: IEEE802.11 n/g/b | | |
| | Communicatio | ge/ | WV-SW174W: IEEE802.11 n/g/b 2.412 GHz - 2.462 GHz (1 – 11ch) | 2.412 GHz - 2.472 GHz (1 - 13ch) | |
| | Communicatio Frequency ran | ge/ | | 2.412 GHz - 2.472 GHz (1 - 13ch) | |
| | Communicatio Frequency ran | ge/ er frequency) | | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency ran Channel (cente | ge/ er frequency) | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency ran Channel (cente | ge/ er frequency) | 2.412 GHz - 2.462 GHz (1 - 11ch) | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency ran Channel (cente | ge/ er frequency) ate ^{*4} | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency rang Channel (cente Data transfer ra | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency range Channel (center Data transfer range Access meth | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency range Channel (center Data transfer range Access meth Authenticatio | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System | 2.412 GHz - 2.472 GHz (1 – 13ch) | |
| | Communicatio Frequency range Channel (center Data transfer range Access meth Authenticatio | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPA/WPA2-PSK (TKIP/AES) | | |
| Wireless | Communicatio Frequency rang Channel (center Data transfer ra Access meth Authenticati Security ⁵ | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (situreless status display) |), PIN method (PIN code method) | |
| | Communicatio Frequency ran Channel (cente Data transfer ra Access mett Authenticati Security ⁵ WPS | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (situreless status display) |), PIN method (PIN code method) | |
| hardware | Communicatio Frequency ran Channel (cente Data transfer ra Access mett Authenticatii Security ⁵ WPS LED | ge/ er frequency) ate ^{*4} hod | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPA/WPA2-PSK (TKIP/AES) WPA/WPA2-PSK (TKIP/AES) WPE (64 bit/128 bit) PBC method (push button method |), PIN method (PIN code method) WPS with the PBC method) | |
| hardware | Communicatio Frequency ran Channel (cente Data transfer ra Access mett Authenticati Security' ⁵ WPS LED Interface | ge/ r frequency) ate ⁻⁴ hod on method | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (status display) Wireless Sutton (for setting up 10Base-T / 100Base-TX, RJ-456 H.264: 1.280 x 960 / VGA (640 x 48 |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps | |
| hardware | Communicatio Frequency ran Channel (cente Data transfer ra Access metil Authenticati Security ³ WPS LED Interface Network IF | ge/ pr frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 g: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WPAWPA2-PSK (TKIP/AES) WPE (4 bit/128 bit) PBC method (push button method Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 H.264: 1,280 x 960 / VGA (640 x 48 JPEG: 1,280 x 960 / VGA (640 x 48 |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp: | |
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| hardware | Communicatio Frequency ram, Channel (cente Data transfer ra Access metti Authenticatio Security ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ | ge/ pr frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (stude sigplay) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-456 H.264: 1.280 × 960 / VGA (640 × 48 JPEG: 1.280 × 720 / 640 × 360 / 32 JPEG: 1.280 × 720 / 640 × 360 / 32 |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps | |
| hardware | Communicatio Frequency ran Channel (cente Data transfer ra Access metil Authenticati Security ³ WPS LED Interface Network IF | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WPAWPA2-PSK (TKIP/AES) WPE (44 bit/128 bit) PBC method (push button method Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, BJ-456, H.264: 1,280 × 960 / VGA (640 × 48 H.264: 1,280 × 720 / 640 × 360 / 32 JPEG: 1,280 × 720 / 640 × 360 / 32 JPEG: 1,280 × 720 / 640 × 360 / 32 |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps | |
| hardware | Communicatio Frequency ram, Channel (cente Data transfer ra Access metti Authenticatio Security ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [16 : 9] Aspect ratio: [16 : 9] Transmission Mode Frame Rate | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button methoc Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 10DBase-TX, RJ-456 H.264: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 720 / 640 × 380 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps | |
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| hardware | Communicatio Frequency ram, Channel (cente Data transfer ra Access metti Authenticatio Security ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WPAWPA2-PSK (TKIP/AES) WPE (44 bit/128 bit) PBC method (push button method Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45, H.264: 1,280 × 960 / VGA (640 × 48 H.264: 1,280 × 720 / 640 × 360 / 32 JPEG: 1,280 × 720 / 640 × 720 / 640 × 720 / 72 |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps | |
| hardware | Communicatio Frequency ram, Channel (cente Data transfer ra Access metti Authenticatio Security ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 p: 6.5 - 72.2 Mbps IEEE802.11 p: 6 - 54 Mbps IEEE802.11 p: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (situs display) Wireless Status display) Wireless Status display) Wireless Status display) Wireless Status display) WIRELESS button (for setting up 10Base-7 / 100Base-TX, RJ-45 c H.264: 1,280 × 960 / VGA (640 × 44 JPEG: 1,280 × 960 / VGA (640 × 44 JPEG: 1,280 × 960 / VGA (640 × 44 JPEG: 1,280 × 720 / 640 × 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 Kbps LOW / NORMAL / FINE |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps | |
| hardware | Communicatio Frequency ram, Channel (cente Data transfer ra Access metti Authenticatio Security ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ | ge/ pr frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps IInfrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WPAWPA2-PSK (TKIP/AES) WWEP (64 bit/128 bit) PBC method (push button methoc Wreless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-456 Mreless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-456 H.264 : 1,280 × 960 / VGA (640 × 48 J.PEG: 1,280 × 960 / VGA (640 × 48 J.PEG: 1,280 × 720 / 640 × 380 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps | |
| hardware | Communication Frequency ran Channel (center Data transfer nr Access mett Authenticati Security ⁵ WPS LED Interface Network IF Inage Resolution ¹⁶ H.264 | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [4 : 3] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Irransmission Type | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WPAWPA2-PSK (TKIP/AES) WPE (64 bit/128 bit) PBC method (push button method Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, BJ-456, H.264: 1,280 × 960 / VGA (640 × 48 H.264: 1,280 × 720 / 640 × 360 / 32 JPEG: 1,280 × 720 / 640 × 360 / 32 JPEG: 1,280 × 720 / 640 × 360 / 32 JPEG: 1,280 × 720 / 640 × 360 / 32 LOW / 128 / 556 / 384 / 512 / 768 / 4.096 / 8,192 Kbps LOW / NORMAL / FINE 1 fps ~ 30 fps UNICAST / MULTICAST |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps | |
| hardware | Communicatio Frequency ram, Channel (cente Data transfer ra Access metti Authenticatio Security ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [16 : 9] <u>Transmission Mode</u> <u>Frame Rate</u> Bit Rate/Client Image Quality Transmission Type | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 p: 6.5 - 72.2 Mbps IEEE802.11 p: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-456 H.264: 1.280 × 960 / VGA (640 × 44 JPEG: 1.280 × 920 / 404 × 360 / 32 Constant bitrate / Best effort 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8.192 Kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps | |
| hardware | Communication Frequency ran Channel (center Data transfer nr Access mett Authenticati Security ⁵ WPS LED Interface Network IF Inage Resolution ¹⁶ H.264 | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Image Quality | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WWP (64 bit/128 bit) PBC method (push button method Wreless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 C H264: 1,280 x960 / VGA (640 x48 JPEG: 1,280 x960 / VGA (640 x48 JPEG: 1,280 x960 / VGA (640 x48 JPEG: 1,280 x720 / 640 x360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 4 / 036 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps | |
| hardware | Communication Frequency ran Channel (center Data transfer nr Access mett Authenticati Security ⁵ WPS LED Interface Network IF Inage Resolution ¹⁶ H.264 | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality, Refresh Interval Image Quality, Refresh Interval Imagin Transmission Type | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (wireless status display) WIRELESS button (for setting up IDBase-T / 100Base-TX, RJ-45 (H.264: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 720 / 640 × 360 / 32 Constant bitrate / Best effort 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / A.192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 2 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer ri Access mett Authenticatii Security ⁻⁵ WPS LED Interface Network IF Inage Resolution ⁻⁹ H.264 JPEG Audio Comm | ge/ pr frequency) ate ⁻⁴ hod on method Aspect ratio: [16 : 9] <u>Transmission Mode</u> <u>Bit Rate/Client</u> <u>Image Quality</u> <u>Refresh Interval</u> <u>Transmission Type</u> <u>resesion</u> | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 p: 6 - 54 Mbps IEEE802.11 p: 6 - 54 Mbps IEEE802.11 p: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (situs display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-456 H.264: 1.280 x 960 / VGA (640 x 48 JPEG: 1.280 x 960 / VGA (640 x 48 JPEG: 1.280 x 960 / VGA (640 x 48 JPEG: 1.280 x 720 / 640 x 360 / 32 Constant bitrate / Best effort 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8, 192 kbps LOW / NORMAL / FINE 1 fps ~ 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kb |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / OVGA (320 x 240), up to 30 fps 10) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / cos, G.711 64 kbps | |
| hardware | Communicatio Frequency ran Channel (cente Data transfer ri Access mett Authenticati Security ⁵ WPS LED Interface Network IF Inage Resolution ¹⁶ H.264 JPEG Audio Comg Audio Mode | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Iransmission Type Image Quality Refresh Interval Transmission Type Image Quality Aspect Rate/Client Transmission Type Image Quality Aspect Rate/Client Transmission Type Transmission Type | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 p: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPA/WPA2-PSK (TKIP/AES) WPA/WPA2-PSK (TKIP/AES) WPE (64 bit/128 bit) PBC method (push button method Wrieless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 C H264: 1,280 x960 / VGA (640 x48 JPEG: 1,280 x960 / VGA (640 x48 JPEG: 1,280 x960 / VGA (640 x48 JPEG: 1,280 x720 / 640 x360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic (Line) input / Audio output / Inter |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / ps, G.711 64 kbps active (Half duplex) / Interactive (Full duple | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer rr Access mett Authenticati Security' ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ H.264 JPEG Audio Comm Audio Mode Authenticati | ge/ er frequency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Irransmission Type Image Quality Refresh Interval Irransmission Type Image Quality Refresh Interval Intransmission Type Intransmission Type Intransmission Type Intransmission Type Intransmission Type Intransmission Type Intransmission Type Intransmission Type Intransmission Type Intransmission Type | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (wireless status display) Wireless Switon (for setting up 10Base-T / 100Base-TX, RJ-45 c H.264: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 960 / VGA (540 × 48 JPEG: 1,280 × 720 / 640 × 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps – 30 fps UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kb OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / All u |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / 0,024 / 1,536 / 2,048 / 3,072 / 0,024 / 1,536 / 2,048 / 3,072 / 0,024 / 1,024 / 1,026 / 2,048 / 3,072 / 0,024 / 1,026 / 2,048 / 3,072 / 0,024 / 1,026 / 2,048 / 3,072 / 0,026 / 2,048 / 3,072 / 2,048 / 3,072 / 0,026 / 2,048 / 3,072 / 3,072 / 2,048 / 3,072 / | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer ri- Access mett Authenticatii Security ³ WPS LED Interface Network IF Inage Resolution ¹⁹ H.264 JPEG Audio Comm Audio Comm Audio Mode Authenticatic | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Transmission Type Image Quality Transesion Type oression on for Audio e | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 p: 6 - 54 Mbps IEEE802.11 p: 6 - 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wreless (% release status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 6 H.264 : 1280 x 960 / VGA (640 x 48 JPEG: 1.280 x 720 / 640 x 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / 8, 192 kbps LOW / NORMAL / FINE 1 fps – 30 fps UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps UNICAST / MULTICAST 10 steps 0.726 (ADPCM) 32 kbps / 16 kb OFF / Mic Line) input / Audio output / Inter Level 1 only / Level 2 higher / All u 64 / 128 / 256 / 384 / 512 / 768 / 1.024. |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / cos, G.711 64 kbps active (Half duplex) / Interactive (Full duple sers 2,048 / 4,096 / 8,192 kbps / Unlimited | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer rr Access mett Authenticati Security' ⁵ WPS LED Interface Network IF Image Resolution ¹⁶ H.264 JPEG Audio Comm Audio Mode Authenticati | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Transmission Type Image Quality Transesion Type oression on for Audio e | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 (H.264: 1.280 × 780 / 464 × 48 JPEG: 1.280 × 720 / 640 × 360 / 32 JPEG: 1.280 × 720 / 640 × 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / A.192 kbps LOW / NORMAL / FINE 1 fps – 30 fps PULI / PUSH G.726 (ADPCM) 32 kbps / 16 kb) OFF //Mic Line jnpt / Audio output / Inter Level 1 only / Level 2 higher / A1u 64 / 128 / 256 / 384 / 512 / 768 / 4.026 / A.192 kbps DOFF //Mic Line jnput / Audio output / Inter Level 1 only / Level 2 higher / A1u 64 / 128 / 256 / 384 / 512 / 768 / 4.00PF / Mic Line Jnpt / Audio output / Inter Level 1 only / Level 2 higher / A1u 64 / 128 / 256 / 384 / 512 / 768 / 1.247 Method Normal A A A A A A A A A A A A A A A A A A A |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / 0, 1,024 / 1,536 / 2,048 / 3,072 / 0, 1,024 / 1,536 / 2,048 / 3,072 / 0,024 / 1,036 / 2,192 kbps / Unlimited | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer ri- Access mett Authenticatii Security ³ WPS LED Interface Network IF Inage Resolution ¹⁹ H.264 JPEG Audio Comm Audio Comm Audio Mode Authenticatic | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Transmission Type Image Quality Transesion Type oression on for Audio e | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 g: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wreless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 6 H.264: 1,280 x 960 / VGA (640 x 48 JPEG: 1,280 x 720 / 640 x 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps – 30 fps UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps UNICAST / MULTICAST 10 steps 0.1 fps – 30 fps VLL / PUSH 6.726 (ADPCM) 32 kbps / 16 kb OFF / Mic Line) input / Audio udput / Inter Level 1 only / Level 2 higher / All u 64 / 128 / 256 / 384 / 512 / 768 / 1024. |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fp 0) / QVGA (320 x 240), up to 30 fp 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / 0, 1,024 / 1,536 / 2,048 / 3,072 / 0, 1,024 / 1,536 / 2,048 / 3,072 / 0,024 / 1,036 / 2,192 kbps / Unlimited | |
| Wireless hardware Network | Communicatio Frequency ran, Channel (cente Data transfer ri Access mett Authenticati Security ³ WPS LED Interface Network IF Inga Resolution ¹⁹ H.264 JPEG Audio Comm Audio Mode Authenticatic Total Bit Ratu Supported F | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Transmission Type Image Quality Transesion Type oression on for Audio e | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 p: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps IInfrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wreless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 C Hz64: 1,280 x 960 / VGA (640 x 48 H.264: 1,280 x 960 / VGA (640 x 48 H.264: 1,280 x 720 / 640 x 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH 0.726 (ADPCM) 32 kbps / 16 kb) OFF / Mic (Line) input / Audio output / Inter Level 10 nty / 28 / J84 / 12 / 1768 / 4/128 / 26 / 384 / 512 / 768 / 4.096 / 8,192 kbps 0.01 fps - 30 fps PULL / PUSH 0.726 (ADPCM) 32 kbps / 16 kb) OFF / Mic (Line) input / Audio output / Inter Level 10 nty / 28 / J84 / 194 / 104 / |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / ps, G.711 64 kbps active (Half duplex) / Interactive (Full duple sers active (Half duplex) / Interactive (Full duple RTP, RTP/RTCP, FTP, SMTP, DHCP, DNC, DNC, DNC, SMTP, SMTP, SMTP, SMTP, SMTP, DHCP, FMP, SMTP, DHCP, DNC, SMTP, DHCP, DNC, SMTP, SMTP | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer rr. Access mett Authenticatii Security' ⁵ WPS LED Interface Network IF Image Resolution ⁶ H.264 JPEG Audio Comg Audio Mode Authenticatic Total Bit Ratt Supported F | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh Interval Irransmission Type Image Quality Refresh Interval framsmission Type procession procession Protocol | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 p: 6.5 - 72.2 Mbps IEEE802.11 p: 6.5 - 72.2 Mbps IEEE802.11 p: 6 - 54 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button methoc Wireless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 c 4.264 : 1,280 × 960 / VGA (640 × 44 JPEG: 1,280 × 960 / VGA (540 × 48 JPEG: 1,280 × 960 / VGA (540 × 48 JPEG: 1,280 × 960 / VGA (540 × 48 JPEG: 1,280 × 720 / 640 × 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / J0XGAST / MULTICAST 10 steps 0.1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 90 SP 0.1 fps - 90 SP 0.1 fps / 20 SH G.726 (ADPCM) 32 kbps / 16 kbp OFF / Mic (Line) input / Audio output / Inter Level 1 only / Level 2 higher / All u 64 / 128 / 256 / 384 / 512 / 768 / 1024 IP4: TCPIP, UDPIP, HTTP, HTTP, RTP, RTP, STP. |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / ps, G.711 64 kbps active (Half duplex) / Interactive (Full duple sers active (Half duplex) / Interactive (Full duple RTP, RTP/RTCP, FTP, SMTP, DHCP, DNC, DNC, DNC, SMTP, SMTP, SMTP, SMTP, SMTP, DHCP, FMP, SMTP, DHCP, DNC, SMTP, DHCP, DNC, SMTP, SMTP | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer rr. Access mett Authenticatii Security' ⁵ WPS LED Interface Network IF Image Resolution ⁶ H.264 JPEG Audio Comg Audio Mode Authenticatic Total Bit Ratt Supported F | ge/ rf requency) ate ⁻⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality, Refresh Interval Irransmission Type Image Quality, Refresh Interval ransmission Type pression on for Audio e Protocol | 2.412 GHz - 2.462 GHz (1 – 11ch) IEEE802.11 n: 6.5 – 72.2 Mbps IEEE802.11 p: 6 – 54 Mbps IEEE802.11 b: 1 – 11 Mbps IInfrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wreless (wireless status display) WIRELESS button (for setting up 10Base-T / 100Base-TX, RJ-45 C Hz64: 1,280 x 960 / VGA (640 x 48 H.264: 1,280 x 960 / VGA (640 x 48 H.264: 1,280 x 720 / 640 x 360 / 32 Constant bitrate / Best effort 1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4,096 / 8,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH 0.726 (ADPCM) 32 kbps / 16 kb) OFF / Mic (Line) input / Audio output / Inter Level 10 nty / 28 / J84 / 12 / 1768 / 4/128 / 26 / 384 / 512 / 768 / 4.096 / 8,192 kbps 0.01 fps - 30 fps PULL / PUSH 0.726 (ADPCM) 32 kbps / 16 kb) OFF / Mic (Line) input / Audio output / Inter Level 10 nty / 28 / J84 / 194 / 104 / |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / 2,048 / 4,096 / 8,192 kbps / Unlimited sers 2(2,048 / 4,096 / 8,192 kbps / Unlimited F, RTP, RTP/RTCP,FTP, SMTP, DHCP, DNS xeriodic transmission | |
| hardware | Communicatio Frequency ran, Channel (cente Data transfer rr. Access mett Authenticatii Security' ⁵ WPS LED Interface Network IF Image Resolution ⁶ H.264 JPEG Audio Comg Audio Mode Authenticatic Total Bit Ratt Supported F | ge/ rf requency) ate ¹⁴ hod on method Aspect ratio: [4 : 3] Aspect ratio: [4 : 3] Aspect ratio: [16 : 9] Transmission Mode Frame Rate Bit Rate/Client Image Quality Transmission Type Image Quality Refresh Interval Transmission Type Image Quality Transmission Type Transmission Typ | 2.412 GHz - 2.462 GHz (1 - 11ch) IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 n: 6.5 - 72.2 Mbps IEEE802.11 b: 1 - 11 Mbps Infrastructure mode Open System WPAWPA2-PSK (TKIP/AES) WEP (64 bit/128 bit) PBC method (push button method Wrieless (wireless status display) WIFIELESS button (for setting up 10Base-T / 10DBase-TX, RJ-45 (H.264: 1,280 × 960 / VGA (640 × 48 JPEG: 1,280 × 720 / 640 × 360 / 32 Constant bitrate / Best effort 1/3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 64 / 128 / 256 / 384 / 512 / 768 / 4.096 / A,192 kbps LOW / NORMAL / FINE 1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps UNICAST / MULTICAST 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (J3P4/TSI / 768 / 12 / 768 / 10 steps 0.1 fps - 30 fps PULL / PUSH G.726 (ADPCM) 32 kbps / 16 kb) (PF/ Mic Line) mpt / Audio output / Inter Level 1 only / Level 2 higher / Ali u 64 / 128 / 256 / 384 / 512 / 768 / 12 / 768 / 10 steps DNS, NTP, SNMP, UPPIP, HTP, HTPS, RTP, SN PA4 TCD/IP, UDPIP, HTP, HTPS, RTP, SN DNS, NTP, SNMP, UPPI, GMP, IGMP, GMP, APR Alarm image transmission, FTP f |), PIN method (PIN code method) WPS with the PBC method) connector (female) 0) / QVGA (320 x 240), up to 30 fps 0) / QVGA (320 x 240), up to 30 fps 0 x 180, up to 30 fps 0 x 180, up to 30 fps 30 fps 1,024 / 1,536 / 2,048 / 3,072 / code (fall duplex) / Interactive (Full duple sers 2,048 / 4,096 / 8,192 kbps / Unlimited TP, DNS, NTP, SNMP, DHCPv6, MLD, ICMP, APF RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS vork conditions) | |

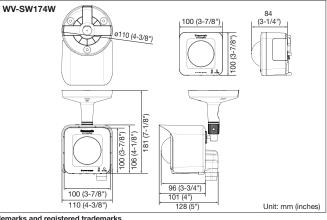
| TV System | | | NTSC | PAL | | | | |
|---------------|--|-------------------------|--|--|--|--|--|--|
| Alarm | Alarm S | ource | VMD, Command alarm | | | | | |
| | Alarm Actions Alarm Log Schedule | | E-mail notification, Indication on browser, | | | | | |
| | | | FTP image transfer, Panasonic protocol output | | | | | |
| | | | 1,000 logs | | | | | |
| | | | VMD | | | | | |
| Input/ Output | t/ Output Monitor Output (for adjustment) | | VBS: 1.0 V [p-p]/75 Ω, | VBS: 1.0 V [p-p]/75 Ω, | | | | |
| | | | NTSC composite, ø3.5 mm mini jack | PAL composite, ø3.5 mm mini jack | | | | |
| | Microph | one/Line Input | ø3.5 mm monaural mini jack, Input impedance: Approx. 2.2 kΩ | | | | | |
| | | For microphone input | Applicable microphone: Plug-in power | type, Supply voltage: 3.3 V ±0.5 V | | | | |
| | | For line input | Input level: Approx. –10 dBV | | | | | |
| | Audio Output External I/O Terminals | | ø3.5 mm stereo mini jack (monaural output),Output impedance: Approx. 560 Ω, Line level | | | | | |
| | | | ALARM IN 1, ALARM IN 2/ ALARM OUT, ALARM IN 3/ AUX OUT, GND, 12 V DC | | | | | |
| General | Safety/EMC Standard | | DOC (ICES003 ClassA) | CE, IEC60950-1 (EN55022 ClassB, EN55024) | | | | |
| | | | Wireless : FCC Part15C | Wireless : EN300 328 | | | | |
| | Power Source | e and Power Consumption | 12V DC , 510 mA | | | | | |
| | Ambient Operating Temperature Ambient Operating Humidity Water and Dust Resistance Dimensions Mass (approx.) Finish | | -20 °C ~ +50 °C (-4 °F ~ 122 °F) | | | | | |
| | | | Less than 90 % (no condensation) | | | | | |
| | | | Camera: IP55 (IEC60529) 18 | | | | | |
| | | | 100 mm (W) x 100 mm (H) x 84 mm(D) (3-47/50" x 3-47/50" (H) x 3-5/16") | | | | | |
| | | | (excluding projection) | | | | | |
| | | | Main body 370 g (0.82 lbs) | | | | | |
| | | | Main body: PC/ABS resin, silver | | | | | |
| 1 | | | Dome section: Clear polycarbonate resin | | | | | |
| *1 Converte | Converted value *2 Refer to "Notes on Windows Vista® / Windows® 7" on the provided CD-ROM | | | | | | | |

1 Converted value "2 Refer to "Notes on Windows Vista" / Windows" " on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft® Windows Vista".
 *3 When using IPv6 for communication, use Microsoft® Windows " or Alicrosoft® Windows Vista".
 *4 The actual line speed may be different depending on the network environment and the wireless devices connected. 5 Depending on the wireless access point (wireless router) used, connections may not be possible between the camera and the wireless. When connecting with 802.11n, select WPA-PSK(AES) or WPA2-PSK(AES) for security.
 *6 Transmission for 2 streams can be individually set in the same compression method.
 *7 For further information about compatible devices, refer to our website (http://panasonic.net/pss/security/support/info.htm)].
 *8 Only when installation work specified in this book is properly performed and appropriate waterproof treatment is performed.

Part Names and Functions



Appearance



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