



For indoor use



30x Zoom and 1080 60p/50p* 3G-SDI Supported PTZ Camera



*Actual output format is Full HD (1920 x 1080) 59.94p/50p.

High-performance lenses and a variety of interfaces support a wide range of live video production environments



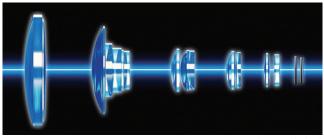
Suspended (Hanging) Style



The AW-HE42W/K is a full HD camera with an integrated rotating base equipped with 3G-SDI and a variety of other output connectors. The four types of output interfaces and the genlock function support smooth large-scale shooting with multiple cameras. The camera is perfect for a wide range of environments, from recording and broadcast of lectures, to live streaming at concerts and other events.

The Four Drive Lens System: Zoom with Incredible Image Quality

The camera is equipped with the Four Drive Lens System, where three zoom lenses and one focus lens are driven independently but simultaneously. Driving each of the four lenses individually enables reduction in lens size and drive range to achieve a reduced-size body with zoom of high image quality and magnification. Despite its compact size, the camera boasts optical 20x zoom and high performance, ultra-high-resolution 30x zoom.



* Images are simulated

External Sync Signal Input Connector Plus Four Types of Output^{*1} Connectors: HDMI, SDI, USB and LAN

Full HD video output is enabled with HDMI, SDI, USB and LAN. The camera is also equipped with an external sync signal^{*1} input connector as well as BBS (Black Burst Sync) and tri-level sync. The camera enables flexible system construction ready to handle any purpose or environment.

Supported formats with each output connector

| HDMI | 1080/59.94p,1080/50p,1080/59.94i,1080/50i, 1080/29.97PsF,1080/25PsF,1080/29.97p, 1080/25p,720/59.94p,720/50p |
|------|---|
| SDI | 1080/59.94p,1080/50p,1080/59.94i,1080/50, 1080/29.97PsF,1080/25PsF,1080/29.97p, 1080/25p,720/59.94p,720/50p |
| USB | 1080/30p,1080/25p,1080/15p,1080/12.5p,1080/5p, 720/30p,720/25p,720/15p,720/12.5p,720/5p, 360/30p,360/25p,360/15p,360/12.5p,360/5p |
| LAN | For details, please see "List of Supported Multi-Streaming Outputs" on page 5. |

*1: External sync is through the SDI video signal. The HDMI and IP video signals cannot be synced.

1/2.3-type MOS Sensor

Equipped with a 1/2.3-type MOS sensor and DSP (Digital Signal Processor) for high sensitivity and high resolution.

High Performance Optical 20x Zoom Lens/ Super Resolution 30x Zoom

In addition to optical 20x zoom, ultra-high-resolution technology has enabled zoom of up to 30x while maintaining high resolution. The camera can also be set with 12x digital zoom*², or 1.4, 2.0, 4.0, 6.0 or 8.0 digital extender zoom.

*2: Picture quality is lower with the digital zoom



Optical / Four-Axis Hybrid Image Stabilizer (OIS) for Shooting Stability

Image shake is reduced with both optical and digital 4-axis automatic stabilization that detects mounting surface vibration caused by audio equipment and opening/closing doors.

Night Mode (supports automatic switching)

Switching to Night Mode makes shooting possible even in low light conditions in which shooting is normally difficult, such as when observing wildlife^{*3}. The AW-HE42W/K can also be set to switch to the mode automatically depending on surrounding light levels.

*3: Video output is monochrome.



* Images are simulated

*Images are simulated

Equipped with High Dynamic Range (HDR) Mode

In addition to conventional Dynamic Range Stretch (DRS) and Digital Noise Reduction (DNR), the AW-HE42W/K is equipped with High Dynamic Range (HDR) mode. When shooting and synthesizing two images with differing exposure times, the AW-HE42W/K can create video with high visibility that corrects for halation and black defects even under backlit conditions.

Bright Shooting (Long Exposure)

Dark Shooting (Short Exposure)

Outputs Still Image During Preset Movements; Supports One-Camera Operations

The Freeze During Preset function enables to freeze the video during preset playback. The immediately preceding still image is output during preset movements so that the swiveling movement is not displayed, making operations possible with one camera.

With Freeze During Preset function OFF and ON



Audio Input Function

The AW-HE42W/K also supports audio input, embedding and encoding. Audio output to IP is also supported. The ALC (Audio Automatic Level Control) in the AW-HE42W/K can be switched ON/OFF and an equalizer function can be used. By reducing low-frequency sound from air conditioners, projectors, and other devices, it is possible to emphasize and increase the clarity of the spoken words.

MicroSD Card Recording Function*1

Camera video and audio can be recorded in MP4 format on microSD card (sold separately) inserted into the unit. In addition, using an IP network, it is possible to externally control recording start/stop and download the recorded files.

Supported formats for micro SD (recording):

1080/59.94p,1080/50p,1080/29.97p,1080/25p, 720/59.94p,720/50p,720/29.97p,720/25p

Full HD Video Output Via IP Transmission

IP transmission as well as HDMI, SDI and USB output are supported to enable IP video output of up to 60 frames per second. Multi-streaming output (H.264 streaming) of up to four channels^{*2} per camera and video transmission to up to 14 terminals are supported^{*3}, enabling a variety of system layouts as needed for the application.

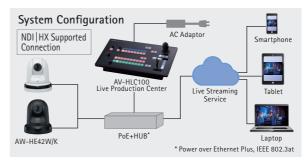


*For the Multi-Streaming Output Format Table, see page 5.

NDI HX Compatibility for Excellent Video Streaming Quality

The AW-HE42W/K can be upgraded to an NDI|HX compatible model if purchasing a license from the Panasonic website (https://pro-av.panasonic.net/en/ndihx_support/index.html). Highly efficient NDI|HX compatibility enables excellent broadcast streaming by encoding and transmitting high-quality video in real time. This technology eliminates the need for IP decoders, allowing input to be sent directly to the switcher.

* Contact your local Panasonic vendor for further information.



IP Control with Image Monitoring Using PC, Mac and Mobile Terminals

Using an IP browser, the camera can be controlled from a remote location, and IP video monitoring and remote camera control can be performed from a PC, Mac or mobile terminal such as an iPhone, iPad or Android device, enabling easy operations.

*For the latest information on supported OS/browsers, please refer to the "service and support" section on the Panasonic website (https://pro-av.panasonic.net/en/).

Camera Control Screen (PC)

Mobile Terminal Screen





*Images are simulated.

Other Functions

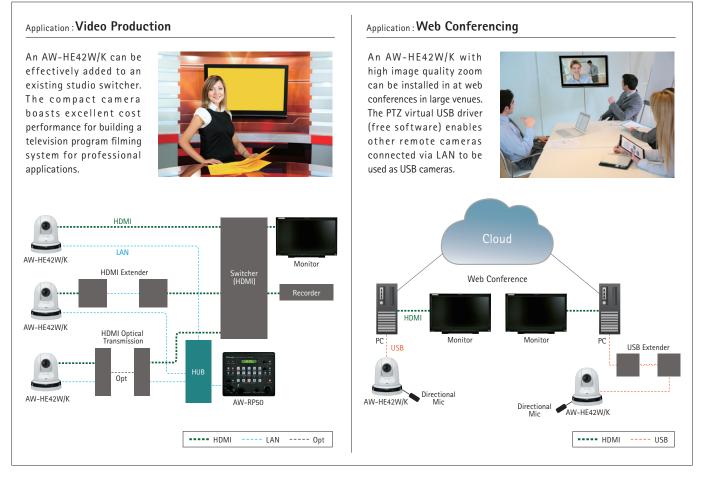
- Equipped with a night mode for shooting with low light levels.
- Equipped with an optical ND filter.
- USB Video Class 1.0, USB Audio Class 1.0 supported.
- PoE+ enabled for charging via a LAN cable.
- Up to 100 AW-HE42W/K units can be controlled from a single Remote Camera Controller via IP connection.
- Control of up to five Remote Camera Controllers is enabled for a single AW-HE42W/K.
- Equipped with a RS422 remote terminal, serial control of up to five AW-HE42W/K units is enabled from the controller.
- Preset memory holds up to 100 positions.
- Freeze, color temperature settings, digital extender and other functions can be set to user assignable buttons of the Panasonic controller.
- Equipped with the RS232C remote terminal (standard serials communication). Daisy chain connection enables control of up to seven AW-HE42W/K units.
- Up to four AW-HE42W/K units can be controlled via wireless remote control (AW-RM50G, sold separately).
- Equipped with a turn lock mechanism for easy installation.

^{* 1:} There may be instances where it is not possible to record in the same format as the output video. *2: 1920 x 1080 60 fps output is 1ch display only. For 2ch or more, display is max. 30 fps. Also,

JPEG output is up to 3ch.

^{*3:} Depends on your network environment.

Application Examples



* Connection with the AW-HE42W/K is planned for future support. Contact your sales representative for further information on **Optional Software** when support will be available for this feature. Use may require a software version update

Auto Tracking Software Key (A 30-day Free Trial is Available

AW-SF100/AW-SF200

2 Additional Licenses AW-SF202 3 Additional Licenses AW-SF203

- High-performance "facial recognition" and high-accuracy "human body detection" utilizing deep learning technology achieve smooth auto tracking regardless of where the person is facing.*1*2
- AW-SF100 allows a single PTZ camera to be controlled on either a stand-alone or web application version.
- AW-SF200 enables simultaneous auto tracking and centralized control of multiple cameras.*3
- *1: Use may require a software version update.
- 2: May be limited by the performance of your server or PC. For further information, please see "Download / Software Download" on the Panasonic website https://pro-av.panasonic.net/>.
- *3: Up to four cameras per server can be controlled simultaneously.

- **PTZ Control Center** Intuitive GUI with the capability
- to control multiple cameras. Image quality adjustment and
- pan-tilt-zoom control on a GUI. Easy to recall presets by clicking preset buttons with thumbnails.

PTZ Virtual USB Driver

- High quality video perfect for web conferencing, utilizing a PTZ camera on the network as a USB camera.
- Automatic detection of connected cameras, and network settings supported.
- * For further information on the optional software, please see "Download/Software Download" on the Panasonic website https://pro-av.panasonic.net/.



As of June, 2019

Main View

Free Software

Free Software

Specifications

| specific | | | | | | | As of June, 2019 | | |
|-----------|---|--|-----------------------|--|--|--|--|--|--|
| | Device and increases | DC 12 V (Supplied AC adaptor) | | | | | 1080:59.94p/50p | | |
| GENERAL - | Power requirements | DC 42 V to 57 V (PoE+ power supply) | | | | | 1080:59.94i/50i | | |
| | Current consumption | 1.3 A (Supplied AC adaptor) | | Output format | | HD | 1080:29.97p/25p | | |
| | | 0.5 A (PoE+ power supply) | | | | | 1080:29.97PsF/25PsF 720:59.94p/50p | | |
| | | 0 °C to 40 °C (32 °F to 104 °F) | - | Synchronization system | | Internal sur | nchronization/External synchronization (BBS, Tri-level sync) | | |
| | Storage temperature | -20 °C to 50 °C (-4 °F to 122 °F) | - | | | | axis hybrid image stabilizer for stable | | |
| | Allowable humidity ranges Mass | 20 % to 90 % (no condensation) Approx. 1.5 kg (3.30 lb) | - | [USB conne | | · · · | ary depending on the operating environment. | | |
| | IVI352 | 160 mm x 186 mm x 179 mm | | Video output | cuonj | | Class Ver1.0 | | |
| | Dimensions (W x H x D) | (6-5/16 inches x 7-41/128 inches x 7-3/64 inches) | | | | | Motion JPEG | | |
| | | [excluding protrusions, direct ceiling mount bracket] | | | Resolution | | 0, 1280 x 720, 640 x 360 | | |
| | Finish | [AW-HE42W] Pearl white | | Frame rate | | max 30 fps (59.94 Hz) | | | |
| | | [AW-HE42K] Metallic black | | Audio output | | max 25 fps (50 Hz) | | | |
| | Controller supported*1 | AW-RP150GJ*1, AW-RP50, AK-HRP1000GJ*1, AK-HRP1005GJ*1 | | | | USB Audio Class Ver1.0 | | | |
| | Power | DC 12 V IN, PoE+ (IEEE802.3at standard) | | | | | | | |
| | | Stereo mini-jack (ø3.5 mm) | | Transfer modes(JPEG) | | 1920x1080/1280x720/640x360 59.94 Hz: 30fps/15fps/5fps, 50 Hz: 25fps/12.5fps/5fps | | | |
| | | Input impedance: Approx. 2 kΩ (unbalanced) [Mic input] | | Supported models | | Devices standardly equipped with a USB 2.0 compatible port | | | |
| | | Supported microphones: Stereo mic | | [Pan-tilt head unit] | | Derrees sta | nation, equipped with a 656 216 compatible port | | |
| INPUT | Mic/line input | (plug-in power, on/off switching via menu) | | Installation method | | Stand-alon | e (Desktop) or suspended (Hanging)*5 | | |
| | | Supplied voltage: 2.5 V \pm 0.5 V | | | | | speed during preset: 300°/s | | |
| | | Mic input level: -60 dBV ± 3 dBV (0 dB=1 V/Pa,1 kHz) | | Pan/tilt operation speed | | | peed during manual: 90°/s | | |
| | | [Line input] | | Panning range | | ±175° | | | |
| | | Input level: -10 dBV ± 3 dBV | | Tilting range | | -30° to 90° | | | |
| G/L IN | | BBS (Black Burst Sync) signal and tri-level sync supported (BNC x 1) | | Quietness | | | et: NC40 or less | | |
| | Video HDMI | HDMI connector | | [[]] | | | ual: NC35 or less | | |
| OUTPUT | output | * HDCP is not supported. * VIERA Link is not supported. | | [Camera/pa | n-tilt ne | | ecting through a hub: | | |
| | 3G/HD-SDI OUT | Compliant with the SMPTE424/SMPTE292M standards/75 $\Omega(BNC \times 1)$ | | | | | (category 5 or above),max. 100 m (328 ft) | | |
| | LAN | LAN connector for IP control (RJ-45) | | IP connecting | aabla | | i a PoE+ hub: | | |
| INPUT/ | Input/ RS-232C | Equipped with straight/crossover cable auto detection function Mini DIN 8-pin (IN) Mini DIN 8-pin (OUT) | FUNCTIONS AND | ii connecting | caulo | LAN cable* | , (category 5e or above),max. 100 m (328 ft) | | |
| OUTPUT | Input/ Output connector RS-422 | CONTROL IN RS422A (RJ-45) | PERFORMANCE | | | | o is not used: | | |
| 001101 | USB | Mini-B port | | | | | (category 5 or above),max. 100 m (328 ft) | | |
| | SD card | microSD card slot | 1 | | | LAN cable* | ⁷ (category 5 or above,straight cable), max. 1000 m (3280 ft) | | |
| | | | | | | | | | |
| | [Camera unit] | inclose card side | 1 | Standard proto | | Mini DIN 8- | pin cable, male | | |
| | [Camera unit] Imaging sensors | 1/2.3-type MOS | | connecting cal | ble | Mini DIN 8- | pin cable, male | | |
| | Imaging sensors | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 | | connecting cal | ble cording] | | • • | | |
| | | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) | - | connecting cal | ble cording] ling | MPEG-4 AV | -pin cable, male /C file standard compliant (.MP4) /C/H.264 High Profile | | |
| | Imaging sensors Lens | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] | - | connecting cal | ble cording] ling sion format | MPEG-4 AV MPEG-4 AV AAC-LC (48 | /C file standard compliant (.MP4) /C/H.264 High Profile /kHz, 16 bit, 2 ch, 128 kbps) | | |
| | Imaging sensors Lens Focus | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual | | connecting cal [SD card record SD card record Video compress | ble cording] ling sion format | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920x1080) | /C file standard compliant (.MP4) /C/H.264 High Profile 8 kHz, 16 bit, 2 ch, 128 kbps) 55.949 (Up to 28 Mbps), | | |
| | Imaging sensors Lens | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) | - | connecting cal [SD card record SD card record Video compress | ble cording] ling sion format | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ | /C file standard compliant (.MP4) /C/H.264 High Profile / kHz, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), | | |
| | Imaging sensors Lens Focus Focus distance | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm [0.33 ft] | - | connecting cal [SD card record SD card record Video compress | ble cording] ling sion format sion format | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 | /C file standard compliant (.MP4) /C/H.264 High Profile 18.HZ, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbp5), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), | | |
| | Imaging sensors Lens Focus | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) | - | connecting cal [SD card record SD card record Video compress Audio compress | ble cording] ling sion format sion format | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 | /C file standard compliant (.MP4) (C[HL264 High Profile 1 kH2, 16 bit, 2 ch, 128 kbps) 55.949 (Up to 28 Mbps), 29.97p (Average 15 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 18 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 1 Mbps) | | |
| | Imaging sensors Lens Focus Focus distance Color separation optical system | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm [0.33 ft] | - | connecting cal [SD card record SD card record Video compress Audio compress Recording format | ble cording] sion format sion format 59.94 Hz | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1280×720/2 1920×1080/5 | /C file standard compliant (.MP4) /C/H.264 High Profile /kHz, 16 bit, 2 ch, 128 kbps) 55.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), | | |
| | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum 59.94 Hz | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [F4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]) | - | connecting cal [SD card record SD card record Video compress Audio compress Recording format | ble cording] ling sion format sion format | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920×1080) 1920×1080) 1280×720/5 1280×720/2 1920×1080/5 1920×1080/5 1920×1080/5 | C file standard compliant (.MP4) (C/H.264 High Profile kHz, 16 bit, 2 ch, 128 kbps) 55940 (Up to 28 Mbps), 29.97p (Average 15 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) pop(Up to 28 Mbps), 25p(Average 15 Mbps), 0p(Average 15 Mbps), 0p(Avera | | |
| | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum Illumination | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] C.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] | - - - - - | connecting cal [SD card record SD card record Video compress Audio compress Recording format /Bit rate | ble cording] sion format sion format 59.94 Hz | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920×1080) 1920×1080) 1280×720/5 1280×720/2 1920×1080/5 1920×1080/5 1920×1080/5 | C file standard compliant (.MP4) (C/H.264 High Profile 1842, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), 100[Up to 28 Mbps], 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), | | |
| | Imaging sensors Lens Focus distance Color separation optical system Minimum illumination 50 Hz | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) | | connecting cal [SD card record SD card record Video compress Audio compress Recording format | ble cording] sion format sion format 59.94 Hz | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920×1080) 1920×1080) 1280×720/5 1280×720/2 1920×1080/5 1920×1080/5 1920×1080/5 | C file standard compliant (.MP4) (C/H.264 High Profile kHz, 16 bit, 2 ch, 128 kbps) 55940 (Up to 28 Mbps), 29.97p (Average 15 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) pop(Up to 28 Mbps), 25p(Average 15 Mbps), 0p(Average 15 Mbps), 0p(Avera | | |
| | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 50 Hz Horizontal resolution | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entrice zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 74 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 49 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 49 dB,1/50 without accumulation] HD: 1000 TV lines Typ (Center area) | | connecting cal [SD card record SD card record Video compress Audio compress Recording format /Bit rate | ble cording] sion format sion format 59.94 Hz | MPEG-4 AV MPEG-4 AV AAC-LC (48 1920×1080) 1920×1080/ 1920×1080/ 1920×1080/ 1920×1080/ 1280×720/2 1920×1080 1280×720/2 | C file standard compliant (.MP4) C(Hi.264 High Profile IkHz, 16 bit, 2 ch. 128 kbps) Sto.940 (Up to 28 Mbps), 29.970 (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.940 (Average 15 Mbps)/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), 9.940 (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), Sto/Average 15 Mbps/, Sto/Average 15 Mbps/, Sto/Average 15 Mbps/, Sto/Average 16 | | |
| | Imaging sensors Lens Focus Focus distance Color separation optical system illumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 | | connecting cal [SD card rec SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] | ble cording] sion format sion format 59.94 Hz | MPEG-4 AV MPEG-4 AV AAC-LC (4E 1920x1080) 1920x1080) 1280x720/5 1280x720/5 1920x1080) 1280x720/5 1280x720/5 1280x720/2 | Cfle standard compliant (.MP4) CflH.264 High Profile ikHz, 166 bit, 2 ch, 128 kbps) Sty.340 (bit 0 28 Mbps), 29.370 (Average 18 Mbps),Average 10 Mbps/Average 6 Mbps), 3.940 (Average 4 Mbps/Average 10 Mbps/Average 1 Mbps) Styl6 (Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), Styl6 (Average 4 Mbps/Average 6 Mbps), Styl6 (Average | | |
| FUNCTIONS | Imaging sensors Lens Focus distance Color separation optical system illumination Horizontal resolution Gain selection*2 Frame mix*3 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[0.35 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dFt 6 dB, 12 dB, 18 dB, 24 dB | | connecting cal [SD card record SD card record Video compress Audio compress Recording format /Bit rate [Network] Transfer | ble cording] ling sion format 59.94 Hz 50 Hz | MPEG-4 AN MPEG-4 AN AAC-LC (48 1920x1080) 1920x1080) 1920x1080; 1920x1080; 1920x1080; 1920x1080; 1920x1080; 1920x1080; 59.94 Hz (3 50 Hz (25fr | C file standard compliant (.MP4) C(PIL264 High Profile 14/2014 High Profile 159.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps), 3929 (Average 15 Mbps), 3929 (Average 15 Mbps), 3927 (Average 15 Mbps), Up(Up to 28 Mbps), 50/(Up to 28 Mbps), 50/(Up to 28 Mbps), 50/(Verage 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50/(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50/(Average 15 Mbps), 50/(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1280x720, 640x360, 320x180, 01/59/15fps/ ¹⁶ , 12.65/s/fps) ¹⁶ | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system illumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] switching between auto and manual Entrize zooming range:1.5 m (4.92 ft) Wide end: 10 cm [0.33 ft] On-chip color filter system 0.7 lx [50 IRE, F1.8, 48 dB,1/60 without accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.7 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.7 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.40 of U lines Typ [Center area] Auto, 04 B to 48 dB (3 dB step] Auto, 04 B to 48 dB (3 dB step] Auto, 04 B to 12 dB, 18 dB, 24 dB Auto, 44 ft, 12 dB, 14 dB, 14 dB. | | connecting cal [SD card rec SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] | ble cording] ing sion format 59.94 Hz 50 Hz JPEG | MPEG-4 AV MPEG-4 AV AAC-LC (4E 1920x1080) 1280x720/5 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (3 50 Hz (25fr 1920x1080 | //C file standard compliant (.MP4) //C [Hi.264 High Profile // kH2, 16 bit, 2 ch, 128 kbps] // Source // Source // Average 15 Mbps], // Source // Average 15 Mbps], // Source // Average 15 Mbps], // Source // Average 8 Mbps]/Average 10 Mbps/Average 6 Mbps], // Average 8 Mbps]/Average 10 Mbps/Average 6 Mbps], // Gl(Ly to 28 Mbps], // Source // Source // Average 15 Mbps], // Source // Source // Average 15 Mbps], // Source // Charage 15 Mbps], // Source // Average 15 Mbps], // Source // Source // Subps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps] // I280x720, 640x360, 320x180, // Subps//Source // Subps//Source // Subps//Source // Subps//Average 2 Mbps/Average 1 Mbps/ // Subps//Average 3 Mbps/Average 2 Mbps/Average 1 Mbps/ // Subps//Average 3 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps/ <td< td=""></td<> | | |
| | Imaging sensors Lens Focus distance Color separation optical system illumination Horizontal resolution Gain selection*2 Frame mix*3 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches]: to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]] HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (2 dB step] Auto, 0, 0 ff, 6 dB, 12 dB, 18 dB, 24 dB Auto*, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] | | connecting cal [SD card record SD card record Video compress Audio compress Recording format /Bit rate [Network] Transfer | ble cording] ling sion format 59.94 Hz 50 Hz | MPEG-4 AV MPEG-4 AV AAC-LC (4 1920x1080) 1280x720/5 1280x720/5 1290x720/5 1920x1080/ 1280x720/5 1280x720/5 1280x720/5 1920x1080 59.94 Hz (3 50 Hz (25fr 1920x1080 59.94 Hz (3 | 'C file standard compliant (.MP4) 'C[Hi.264 High Profile 1 kHz, 16 bit, 2 ch, 128 kbps) 50:940 [Ub to 28 Mbps], 29.37p (Average 15 Mbps), 3.97p (Average 15 Mbps), 3.97p (Average 15 Mbps), 3.97p (Average 8 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps) 500[Ub to 28 Mbps], 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 3.97p (Average 8 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Up to 28 Mbps), 25p(Average 16 Mbps/Average 10 Mbps/Average 6 Mbps), 5p(Average 15 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps) 7[1 x 280x720, 640x360, 320x180, 07[sp115fps] ⁵⁶ , x]12.5fps/5fps] ⁵⁶ , x]280x720, 640x360, 320x180, 07[sp13fps/15fps] ⁵⁶ , | | |
| AND | Imaging sensors Lens Focus distance Color separation optical system illumination Horizontal resolution Gain selection*2 Frame mix*3 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 04 to 48 dB (3 dB step) Auto, 04ft to 48 dB (24 dB Auto, 04ft to 48 dB (24 BS tep) Auto, 04ft to 40 (2000 (Auto Slow Shutter: Off)[59.94 Hz] 1/30 to 1/2000 (Auto Slow Shutter: Off)[59.94 Hz] During 1/30 to 1/2000 (Auto Slow Shutter: Off)[59.94 Hz] | | connecting cal [SD card record SD card record Video compress Audio compress Recording format /Bit rate [Network] Transfer | ble cording] ing sion format 59.94 Hz 50 Hz JPEG | MPEG-4 AV MPEG-4 AX AAC-LC (42 1920x1080) 1920x1080) 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 50.9.44 Hz 50.9.44 Hz 50. | C file standard compliant (.MP4) (C file standard compliant (.MP4) (C /H.264 High Profile 1842, 16 bit, 2 ch, 128 kbps) 59.34p (Up to 28 Mbps), 29.37p (Average 15 Mbps), 3.937p (Average 15 Mbps), 3.937p (Average 8 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 3.94p (Average 15 Mbps), 5p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 5p(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1.1280x720, 640x360, 320x180, 0fsp115fps/fsp3**, 1.280x720, 640x360, 320x180, 0fsp5/3f0ps/15fps/fsp3**, 1.280x720, 640x360, 320x180, 0fsp5/3f0ps/15fps/fsp3**, 3x*9/25fps/12.5fps/fsp3** | | |
| AND | Imaging sensors Lens Focus distance Color separation optical system illumination Horizontal resolution Gain selection*2 Frame mix*3 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] sequivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm [0.33 ft] On-chip color filter system 0.7 lx [50 IRE, F1.8, 48 dB,1/60 without accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx [50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.4 to, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dF, 6 dB, 12 dB, 18 dB, 24 dB Auto*, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: 0ff)[59.94 Hz] 1/30 to 1/2000 (Auto Slow Shutter: 0ff)[50 Hz] 1/30 to 1/2000 (Auto Slow Shut | | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format [Bit rate [Network] Transfer modes | ble cording] ing sion format 59.94 Hz 50 Hz JPEG | MPEG-4 AV MPEG-4 AV AAC-LC (46 1920x1080) 1920x1080/ 1280x720/2 1920x1080/ 1280x720/2 1920x1080/ 1280x720/2 1920x1080 1920x1080 59.94 Hz (3 59.94 Hz (6) 59.94 Hz | IC file standard compliant (.MP4) IKHz, 16 bit, 2 ch, 128 kbps) 58.94 (Up to 28 Mbps), 29.97 (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 8 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 50[Up to 28 Mbps], 50[Average 16 Mbps], 1280x720, 640x360, 320x180, 0fbs/15fbs/3fbp]** sig/125fbs/15fbs/15fbs/15fbs/15fbs/15fbs/15fbs/15fbs/12.5fbs/1 | | |
| AND | Imaging sensors Lens Focus distance Color separation optical system illumination Horizontal resolution Gain selection*2 Frame mix*3 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches]: to 81.6 mm [3-7/32 inches]; 35 mm [1-3/8 inches] equivalent: 29.5 mm [1-5/32 inches] to 612.0 mm [24-3/32 inches]] Switching between auto and manual Entrice zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.40 to 48 dB (2 dB step) Auto*, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] 1/50 to 1/2000 (Auto Slow Shutter: Onf][59.94 Hz] 1/200 to (Auto Slow Shutter: Onf][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: Onf][50 Hz] | | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported | ble cording] ling sion format format 59.94 Hz 50 Hz JPEG H.264 | MPEG-4 AV MPEG-4 AV AAC-LC (42 1920x1080) 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3 50 Hz (25ft 1920x1080 59.94 Hz (6 50 Hz (50ft TCP/IP, UDP DHCP, UNS, | C file standard compliant (.MP4) (C file standard compliant (.MP4) (C /H.264 High Profile 1842, 16 bit, 2 ch, 128 kbps) 59.34p (Up to 28 Mbps), 29.37p (Average 15 Mbps), 3.937p (Average 15 Mbps), 3.937p (Average 8 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 3.94p (Average 15 Mbps), 5p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 5p(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1.1280x720, 640x360, 320x180, 0fsp115fps/fsp3**, 1.280x720, 640x360, 320x180, 0fsp5/3f0ps/15fps/fsp3**, 1.280x720, 640x360, 320x180, 0fsp5/3f0ps/15fps/fsp3**, 3x*9/25fps/12.5fps/fsp3** | | |
| AND | Imaging sensors Lens Focus distance Color separation optical system illumination Horizontal resolution Gain selection*2 Frame mix*3 | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 withaccumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (2 dB step) Auto, 0 ff, 6 dB, 12 dB, 18 dB, 24 dB Auto, 0 ff, 6 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] Uring 1/30 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] Puring 1/30 to 1/2000 (Auto Slow Shutter: On][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: On)[50 Hz] <td></td> <td>connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format [Bit rate [Network] Transfer modes</td> <td>ble cording] ling sion format 59.94 Hz 50 Hz JPEG H.264 IPv4</td> <td>MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1280x720/2 1280x720/2 1920x1080/ 1280x720/2 1920x1080 59.94 Hz (3 59.94 Hz (3 50 Hz (25f) 1920x1080 59.94 Hz (3 50 Hz (25f) 1920x1080 59.94 Hz (3 50 Hz (50f) 17CP/P, UDP OHCP, DNS, RTSPoverH</td> <td>//C file standard compliant (.MP4) //C file standard compliant (.MP4) /// Standard compliant (.MP4) // Standard complian</td> | | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format [Bit rate [Network] Transfer modes | ble cording] ling sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 | MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1280x720/2 1280x720/2 1920x1080/ 1280x720/2 1920x1080 59.94 Hz (3 59.94 Hz (3 50 Hz (25f) 1920x1080 59.94 Hz (3 50 Hz (25f) 1920x1080 59.94 Hz (3 50 Hz (50f) 17CP/P, UDP OHCP, DNS, RTSPoverH | //C file standard compliant (.MP4) /// Standard compliant (.MP4) // Standard complian | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches]; 35 mm (1-3/8 inches] equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]] HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 12 dB, 18 dB, 24 dB Toring 1/30 to 1/2000 (Auto Slow Shutter: 0ff][59.94 H2] Puring 1/30 to 1/2000 (Auto Slow Shutter: 0ff][59.94 H2] 1/50 to 1/2000 (Auto Slow Shutter: 0ff][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: 0ff][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: 0ff][50 Hz] 1/26 to 1/2000 (Auto Slow Shutter: 0ff][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: 0ff][50 Hz] | | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported | ble cording] ling sion format format 59.94 Hz 50 Hz JPEG H.264 | MPEG-4 AV MPEG-4 AV AAC-LC (4£ 1920x1080) 1920x1080) 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 12920x1080 59.94 Hz (6 50 Hz (50f) TCP//P, UDF TCP//P, UDF | C file standard compliant (.MP4) C(PIL264 High Profile 14/2014 High Profile 159.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps), 39.94p (Average 15 Mbps), 39.97p (Average 15 Mbps), 39.97p (Average 15 Mbps), 49.97p (Average 15 Mbps), 49.97p (Average 15 Mbps), 40/2014 to 28 Mbps), 50/(Up to 28 Mbps), 50/(Up to 28 Mbps), 50/(Verage 15 Mbps), 40/2014 to 28 Mbps), 50/(Verage 15 Mbps), 50/(Verage 15 Mbps), 50/(Verage 15 Mbps), 50/(Verage 16 Mbps), 50/(V | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 withaccumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 withact accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (2 dB step) Auto, 0 ff, 6 dB, 12 dB, 18 dB, 24 dB Auto, 0 ff, 6 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] Uring 1/30 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] Puring 1/30 to 1/2000 (Auto Slow Shutter: On][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: On)[50 Hz] <td></td> <td>connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported</td> <td>ble cording] ing sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6</td> <td>MPEG-4 AV MPEG-4 AV AAC-LC (4£ 1920x1080) 1920x1080) 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 12920x1080 59.94 Hz (6 50 Hz (50f) TCP//P, UDF TCP//P, UDF</td> <td>Cfile standard compliant (.MP4) C(Hi.264 High Profile IkHz, 16 bit, 2 ch., 128 kbps) Sto.940 (µbr 028 Mbps), 29.970 (Average 15 Mbps), S.946 (Average 15 Mbps), S.947 (Average 15 Mbps), S.970 (Average 8 Mbps)Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), Sp7 (Average 15 Mbps), Sp2 (Average 15 Mbps), Sp2(Average 16 Mbps/Average 1 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 10 Mbps/Average 1 Mbps/Average 1 Mbps/Average 10 Mbps/Ave</td> | | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported | ble cording] ing sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 | MPEG-4 AV MPEG-4 AV AAC-LC (4£ 1920x1080) 1920x1080) 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 12920x1080 59.94 Hz (6 50 Hz (50f) TCP//P, UDF TCP//P, UDF | Cfile standard compliant (.MP4) C(Hi.264 High Profile IkHz, 16 bit, 2 ch., 128 kbps) Sto.940 (µbr 028 Mbps), 29.970 (Average 15 Mbps), S.946 (Average 15 Mbps), S.947 (Average 15 Mbps), S.970 (Average 8 Mbps)Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), Sp7 (Average 15 Mbps), Sp2 (Average 15 Mbps), Sp2(Average 16 Mbps/Average 1 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 10 Mbps/Average 1 Mbps/Average 1 Mbps/Average 10 Mbps/Ave | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation] 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 withaccumulation]< | | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android : | ble cording] ing sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support | MPEG-4 AV MPEG-4 AV AAC-LC (46 1920x1080) 1920x1080) 1920x1080) 1920x1080) 1920x1080) 1920x1080) 1920x1080 1920x1080 1920x1080 59.94 Hz (30 50 Hz (25fr 1920x1080 59.94 Hz (65fr TCP/P, UPC DHCP, DNS, RTSPoverH TCP/P, UPC NTP, ICMPv' JPEG image | Cfile standard compliant (.MP4) C(Hi.264 High Profile IkHz, 16 bit, 2 ch. 128 kbps) Sto.940 (Up to 28 Mbps), 29.970 (Average 15 Mbps),Average 10 Mbps/Average 6 Mbps), 9.940 (Average 15 Mbps), 29.970 (Average 8 Mbps/Average 1 Mbps/Average 2 Mbps/Average 1 Mbps), Sylp (Average 8 Mbps/Average 10 Mbps/Average 6 Mbps), Sylp (Average 8 Mbps/Average 10 Mbps/Average 6 Mbps), Sylp (Average 8 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 16 Mbps/Average 10 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 16 Mbps/Average 10 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Spl(Average 15 Mbps), Spl(Average 16 Mbps), Spl(Average 15 Mbps), Spl(Average 15 Mbps), Spl(Average 16 Mbps/Average 2 Mbps/Average 10 Mbps), Spl(Average 15 Mbps), Spl(Average 16 Mbps), Spl(Average 16 Mbps), Spl(Average 16 Mbps), Spl(Average 16 Mbps), Spl(Ave | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) D0-7 by (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB,1/25 withaccumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB,1/25 withaccumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB, 1/25 withaccumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB, 1/25 withaccumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB, 1/25 withaccumulation[Frame Mix 6 dB]) D0.7 by (50 IRE, F1.8, 48 dB, 1/25 withaccumulation[Frame Mix 6 dB]) D10 to 1/2000 (Auto Slow Shutter: On][59.94 Hz] J/60 to 1/2000 (Auto Slow Shutter: On][59.94 Hz] During Auto (1/2000 (5 | | connecting cal [SD card record SD card record SD card record Video compress Audio compress Audio compress Audio compress Audio compress (Network] [Network] Transfer modes Supported protocol i-OS, Android 1 Mount bracket | ble cording] ling ling ling ling ling ling ling ling | MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1280x720/2 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3 59.94 Hz (3 50 Hz (25f) 1920x1080 59.94 Hz (10 Hz) 1920x1080 59.94 Hz (10 Hz) 1920x1080 59.94 Hz (10 Hz) 1920x1080 59.94 Hz (10 Hz) 1920x1080 59.94 Hz (10 Hz) 1920x1080 1 | Cfile standard compliant (.MP4) C(Hi.264 High Profile IkHz, 16 bit, 2 ch., 128 kbps) Sto.940 (µbr 028 Mbps), 29.970 (Average 15 Mbps), S.946 (Average 15 Mbps), S.947 (Average 15 Mbps), S.970 (Average 8 Mbps)Average 4 Mbps/Average 2 Mbps/Average 1 Mbps), Sp7 (Average 15 Mbps), Sp2 (Average 15 Mbps), Sp2(Average 16 Mbps/Average 1 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 15 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 16 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 1 Mbps), Sp2(Average 10 Mbps/Average 10 Mbps/Average 10 Mbps/Average 1 Mbps/Average 1 Mbps/Average 10 Mbps/Ave | | |
| AND | Imaging sensors Lens Focus Focus Color separation optical system Minimum Illumination 59.94 Hz For John Selection*2 Frame mix*3 ND filter Electronic shutter speed | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]) 10.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]) 10.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]) 10.100 TV lines Typ (Center area) Auto, 04ft 6 48 dB (2 dB Step) Auto, 04ft to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] 1/100 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] 1/200 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/200 to 1/2000 [50 Hz] 1/50 to 1/2000 [50 Hz] 1/50 to 1/2000 [50.94 Hz] 1/100, 1/250, 1/500 | | connecting cal [SD card record SD card record SD card record Video compress Audio compress Audio compress Audio compress Audio compress (Network] [Network] Transfer modes Supported protocol i-OS, Android 1 Mount bracket | ble cording] ing ing ing ing ion format S9.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support to rinstall: on wire (alf) | MPEG-4 AV MPEG-4 AV AAC-LC (45 1920x1080) 1920x1080) 1920x1080) 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1920x1080 25.9.94 Hz (6 50.94 Hz (6).94 Hz (6).9 | Cfile standard compliant (.MP4) C(Hi.264 High Profile IkH2, 16 bit, 2 ch, 128 kbps) So 340 (but oz 8 Mbps), 29.97 (Average 15 Mbps), 39.97 (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.125 (Average 15 Mbps), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 15fps/5fps)**, 9.126 (Average 16 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps/5*, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 1280x720, 640x360, 320x180, 10fps/10f | | |
| AND | Imaging sensors Lens Focus Focus Color separation optical system Minimum IIIumination 59.94 Hz 50 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter Electronic shutter speed Synchro scan | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches]; 35 mm (1-3/8 inches] equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 12000 (Auto Slow Shutter: Orf)[59.94 Hz] Till Auto 1/50 to 1/2000 (Auto Slow Shutter: Off)[59.94 Hz] 1/100,1/250, 0 (J1000 (Slow Shutter: Off)[50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: Off)[50 Hz] 1/25 to 1/2000 (Slow Slow Shutter: Off)[50 Hz] | | connecting cal [SD card record SD card record SD card record Video compress Audio compress Audio compress Audio compress Audio compress (Network] [Network] Transfer modes Supported protocol i-OS, Android 11 Mount bracket Drop-preventit Bracket mount Main unit mou | ble cording] ling ling ling ling ling ling ling ling | MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3) 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (7) 50 Hz (50f) TCP/IP, UDP DHCP, UDP DHCP, UDP MTP, ICMPW TCP/IP, ICMPW TCP/IP, UDP MTP, ICMPW TCP/IP, ICMP | Cfile standard compliant (.MP4) C(Hi.264 High Profile IkH2, 16 bit, 2 ch, 128 kbps) So 340 (but oz 8 Mbps), 29.97 (Average 15 Mbps), 39.97 (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 10 Mbps/Average 2 Mbps/Average 1 Mbps), 9.125 (Average 15 Mbps), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 15fps/5fps)**, 9.126 (Average 16 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 9.126 (Average 16 (Average 17)), 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps/5*, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 640x360, 320x180, 0fps/15fps/5fps)**, 1280x720, 1280x720, 640x360, 320x180, 10fps/10f | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 59.94 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter Electronic shutter speed Synchro scan Gamma | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto*, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: On)[59.94 Hz] Full Aut 1/30 to 1/2000 (Auto Slow Shutter: On)[59.94 Hz] 1/100 to 1/2000 (Auto Slow Shutter: On)[50.91 Hz] 1/25 to 1/2000 (Auto Slow Shutter: On)[50.92 Hz] 1/25 to 1/2000 (Suot Slow Shutter: On)[50 Hz] 1/60 to 1/2000 (Suot Slow Shutter: On)[50 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/100, 1/250, 1/500, 1/1000, 1/2000, <td>ACCESSORIES</td> <td>connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android :: Bracket mount Main unit mou Power cable (1</td> <td>ble cording] ling ling ling ling ling ling ling ling</td> <td>MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3) 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (7) 50 Hz (50f) TCP/IP, UDP DHCP, UDP DHCP, UDP MTP, ICMPW TCP/IP, ICMPW TCP/IP, UDP MTP, ICMPW TCP/IP, ICMP</td> <td><pre>// Cfile standard compliant (.MP4) /C[H1264 High Profile 1 kHz, 16 bit, 2 ch, 128 kbps] /S5949 (Up to 28 Mbps], 28.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps]Average 1 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps/Average 1 Mbps], 5p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 3000, 2000</pre></td> | ACCESSORIES | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android :: Bracket mount Main unit mou Power cable (1 | ble cording] ling ling ling ling ling ling ling ling | MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3) 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (7) 50 Hz (50f) TCP/IP, UDP DHCP, UDP DHCP, UDP MTP, ICMPW TCP/IP, ICMPW TCP/IP, UDP MTP, ICMPW TCP/IP, ICMP | <pre>// Cfile standard compliant (.MP4) /C[H1264 High Profile 1 kHz, 16 bit, 2 ch, 128 kbps] /S5949 (Up to 28 Mbps], 28.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps]Average 1 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps/Average 1 Mbps], 5p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 3000, 2000</pre> | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Illumination 59.94 Hz Illumination Gain selection*2 Frame mix*3 ND filter Electronic shutter speed Synchro scan Gamma White balance | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/50 with accumulation[frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]) 1/10 TV lines Typ (Center area) Auto, 04 to 48 dB (3 dB step) Auto, 04 to 48 lb (24 BS tep) Auto, 04 to 48 lb (24 BS step) 1/20 to 1/2000 (Auto Slow Shutter: 0n][59.94 Hz] 1/10 to 1/2000 (Auto Slow Shutter: 0n][59.94 Hz] 1/12 to 1/2000 (Slow Slow Shutter: 0n][50 Hz] 1/20 to 1/2000 [59.94 Hz] 1/10 to 1/2000 [59.94 Hz] 1/10 to 1/250, 1/500, 1/1000, 1/2000, 1/10 to 1/250, 1/500, 1/1000, 1/2000, 1/10 to 1/250, 1/50 | ACCESSORIES | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android d Mount bracket Drop-preventii Bracket mount Main unit mou Power cable (1 AC adaptor: 1 | ble cording] ling ling ling ling ling ling ling ling | MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3) 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (7) 50 Hz (50f) TCP/IP, UDP DHCP, UDP DHCP, UDP MTP, ICMPW TCP/IP, ICMPW TCP/IP, UDP MTP, ICMPW TCP/IP, ICMP | <pre>// Cfile standard compliant (.MP4) /C[H1264 High Profile 1 kHz, 16 bit, 2 ch, 128 kbps] /S5949 (Up to 28 Mbps], 28.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps]Average 1 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps/Average 1 Mbps], 5p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 3000, 2000</pre> | | |
| AND | Imaging sensors Lens Focus Focus distance Color separation optical system Minimum illumination 59.94 Hz Horizontal resolution Gain selection*2 Frame mix*3 ND filter Electronic shutter speed Synchro scan Gamma | 1/2.3-type MOS Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation] 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[frame Mix 6 dB]] HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto*, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: On)[59.94 Hz] Full Aut 1/30 to 1/2000 (Auto Slow Shutter: On)[59.94 Hz] 1/100 to 1/2000 (Auto Slow Shutter: On)[50.91 Hz] 1/25 to 1/2000 (Auto Slow Shutter: On)[50.92 Hz] 1/25 to 1/2000 (Suot Slow Shutter: On)[50 Hz] 1/60 to 1/2000 (Suot Slow Shutter: On)[50 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/100, 1/250, 1/500, 1/1000, 1/2000, <td>ACCESSORIES</td> <td>connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android :: Bracket mount Main unit mou Power cable (1</td> <td>ble cording] ling ling ling ling ling ling ling ling</td> <td>MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3) 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (7) 50 Hz (50f) TCP/IP, UDP DHCP, UDP DHCP, UDP MTP, ICMPW TCP/IP, ICMPW TCP/IP, UDP MTP, ICMPW TCP/IP, ICMP</td> <td><pre>// Cfile standard compliant (.MP4) /C[H1264 High Profile 1 kHz, 16 bit, 2 ch, 128 kbps] /S5949 (Up to 28 Mbps], 28.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps]Average 1 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps/Average 1 Mbps], 5p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 3000, 2000</pre></td> | ACCESSORIES | connecting cal [SD card record SD card record Video compress Audio compress Audio compress Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android :: Bracket mount Main unit mou Power cable (1 | ble cording] ling ling ling ling ling ling ling ling | MPEG-4 AV MPEG-4 AV MPEG-4 AV 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3) 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (6) 59.94 Hz (7) 50 Hz (50f) TCP/IP, UDP DHCP, UDP DHCP, UDP MTP, ICMPW TCP/IP, ICMPW TCP/IP, UDP MTP, ICMPW TCP/IP, ICMP | <pre>// Cfile standard compliant (.MP4) /C[H1264 High Profile 1 kHz, 16 bit, 2 ch, 128 kbps] /S5949 (Up to 28 Mbps], 28.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 15 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps]Average 1 Mbps], 29.97p (Average 8 Mbps]Average 4 Mbps]Average 2 Mbps/Average 1 Mbps], 5p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 25p[Average 15 Mbps], 3000, 2000</pre> | | |

*1: It may be necessary to upgrade the version of the controller so that the controller will support the unit. *2: During Auto, 6 dB to 48 dB (6 dB step) are available for AGC Max Gain setting.
*3: During Auto, 0 dB, 6 dB, 12 dB and 18 dB are available for Auto F.Mix Max Gain setting. *4: "Auto" is available when "Scene" setting is "Full Auto".
*5: To ensure safety, the unit must be secured using the mount bracket supplied. *6: Depending on the pan or tilt position, the camera may be reflected in the image.
*7: Use of an STP (shielded twisted pair) cable is recommended. *8: The frame rate may be lower than the setting depending on the operating conditions.
*9: When the image resolution is "640x360" or "320x180", 60fps or 50fps cannot be selected for the frame rate.
*10: To ensure more safety, AW-HE42W/K can be secured by using the direct ceiling mount bracket (WV-Q105A).

List of Supported Multi-Streaming Outputs (When priority mode "IP" is selected)

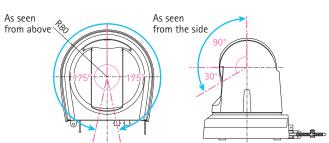
| | | | H.264 | | | | JPEG | | | |
|--------------------|----------------|----------|--|--------------------------------|-------------------|-----|---|---------------|--|--|
| Settings | | CH1 | CH2*1 | CH3*1 | CH4 ^{*2} | CH1 | CH2 | СНЗ | | |
| Resolution | IP selected | | 1920×1080 1280×720 ^{*1} 640×360 ^{*3} | 1280×720 640×360 320×180 | | | 1920×1080* ² 1280×720* ¹ 640×360 320×180 ^{*1} | | | |
| Frame rate | IP solvated | 59.94 Hz | 60/30/15/5 fps | | 30/15/5 fps | | | 30/15/5 fps | | |
| | | 50 Hz | 50/25/12.5/5 fps | | 25/12.5/5 fp | s | | 25/12.5/5 fps | | |
| Bit rate | | | up to 24 Mbps otherwise | | | | | | | |
| Voice transmission | | | Yes (AAC48 KHz) | | | | | | | |
| PoE+ | | | Yes | | | | | | | |

*Depending on the output mode, certain restrictions apply.

* 1: Settable when HDR is "Off".
* 2: Settable when HDR is set to "Off" and the frame rate is other than 60fps (or 50fps).
* 3: Not settable when HDR is "Off".

Panning and Tilting Range

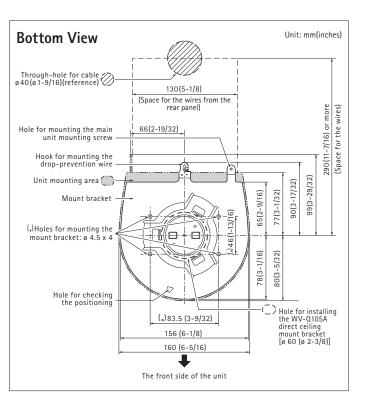
Pan ±175°, Tilt -30° to 90°
Max. speed 90°/s
Noise criterion is 35 or lower



* 1: Depending on the position of the pan and tilt, the unit itself may be reflected in the image.

Rear View





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Panasonic Corporation Connected Solutions Company 2-15 Matsuba-cho, Kadoma, Osaka 571-8503 Japan



Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)



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