

Super Dynamic Weather Resistant **HD Dome Network Camera WV-SW395 WV-SW395A** 

(Rain Wash Coating Model)



## HD/1,280 x 960 H.264 Weather Proof Camera featuring Super Dynamic

#### **Key Features**

- 720p HD images up to 30 fps
- Newly developed 1.3 Megapixel double speed MOS image 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
- 18x optical zoom with 12x digital zoom enabling 216x zoom. 36x extra optical zoom at VGA resolution with 12x digital zoom enabling 432x zoom.
- Super Dynamic and ABS (Adaptive Black Stretch) technologies deliver 128x wider dynamic range compared with conventional cameras.
- Face Super Dynamic technology ensures clear face image.
- H.264 and MPEG-4 are selectable for system migration.
- High sensitivity with Day/Night (ICR\*) function : 0.5 lx (Color), 0.06 lx (B/W) at F1.6 (Wide) \* ICR: IR Cut filter Removal
- Adaptive Digital Noise Reduction: 2D-DNR and 3D-DNR integration ensures reduced noise and motion blur in various conditions.
- Superior color reproduction by primary (RGB) color filter
- · Electronic sensitivity enhancement : Auto (Up to 16x) / OFF
- · Selectable light control modes : Outdoor / Indoor / Fixed electronic shutter Outdoor / Indoor : Electronic shutter and ALC lens iris control are automatically controlled depending on the mode and luminance level. Fixed electronic shutter: Up to 1/10,000 fixed electronic shutter can be selectable.
- Panning with auto flip function can be performed 0 to 360 degrees.
- Auto tracking : The camera automatically pans and tilts to follow a moving subject and keep it in the center of the image.
- PTZ control can be taken on the user friendly GUI with 16 speeds pan/tilt and new "Drag and Zoom" operation enabling finer control. 256 speeds available for system with WV-CU950 system controller.
- Up to 64 preset positions
- 360 map shot : 8 thumbnail images at 45 deg. intervals make it simple to direct the camera easily by clicking on a thumbnail.
- Industrial grade Pan/Tilt/Zoom mechanism for high reliability
- VMD (Video Motion Detector) with 4 programmable detection areas, 15 steps sensitivity level and 10 steps detection size
- Privacy Zone can mask up to 8 private areas, such as house windows and entrances/exits.
- Alarm sources including 3 terminal input, VMD and Panasonic alarm command can trigger actions such as SDHC/SD memory recording, FTP image transfer, E-mail notification, Indication on browser, Alarm terminal output, and Panasonic protocol output.
- · Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.

- JPEG image compression ratio can be changed by alarm so that higher quality image can be provided.
- Prioritized stream control : One of the video streams can be prioritized when multiple recorders or client PCs are accessing the camera so that the recorder or the client PC can maintain the frame rate.
- SDHC/SD Memory card slot for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (JPEG)
- H.264/MPEG-4 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.
- Multi-language GUI and setup menu : English, French, Italian, Spanish, German, Russian (PAL) / English, French (NTSC) \* Installation required except for English
- IPv4/IPv6 protocol supported
- Analog Monitor output for easier installation
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- Onvif compliant model
- Supports Power over Ethernet Plus (PoE+) IEEE 802.3at (Type2 compliant, Class 4 device) Does not support IEEE802.3af
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- · Dehumidification device for use in various weather conditions
- Built-in fan/heater/sun shield for temperature changes of -40 °C to +50 °C (-40 °F to +122 °F) (24 V AC), -30 °C to +50 °C (-22 °F to 122 °F) (PoE+)
- Rain wash coating dome cover (WV-SW395A)

..... 1 pc.

· Fog and sandstorm compensation

### Standard Accessories

- CD-ROM\*1..... .....1 pc.
- Installation Guide.....1 pc. The followings are for installation.
- Front/Rear Sun Shield Fixing Screws ...... 2 pcs. (incl. 1 spare) Code Label\*2 .....
- .1 pc \*1 The CD-ROM contains the operating instructions (PDFs) and different kinds of tool software programs \*2 This label may be required for network management
- Connector Kit for 24 V AC ...... 1 pc. ..... 1 set The network administrator shall retain the code label
- **Optional Accessory**

• Front/Rear Sun Shield ......

8P Alarm Cable ...



#### **Specifications**

| Camera          | Image Sensor  |   | NTSC PAL 1/3 type MOS image sensor   |  |
|-----------------|---|---|--|--|
|                 | Image Sensor<br>Effective Pixels  |   | 1/3 type MOS image sensor<br>Approx. 1.3 mega pixels   |  |
|                 | Scanning I  |   |  |  |
|                 | Scanning /  |   | Progressive scan<br>4.8 mm (H) x 3.6 mm (V)  |  |
|                 |   | llumination   |  | (Shutter: 1/30 s. AGC : High)  |
|                 | wiiniiniun  | numination  | Color : 0.5 lx, B/W : 0.06 lx at F1.6 (Shutter: 1/30 s, AGC : High),   |  |
|                 | Milita Dala   |   | Color : 0.031 lx, B/W : 0.004 lx at F1.6 (Shutter: 16/30 s, AGC : High)  |  |
|                 | White Balance   |   | AWC (2,000 - 10,000 K), ATW1 (2,700 - 6,000 K), ATW2 (2,000 - 6,000 K)   |  |
|                 | Light Control Mode  |   | Indoor scene (50 Hz / 60 Hz) / Outdoor scene / Fix shutter   |  |
|                 | Shutter Speed   |   | Fix shutter : Off (1/30), 3/100, 3/120, 2/100, 2/120, 1/100,   |  |
|                 | -   |   | 1/120, 1/250, 1/500, 1/1,000, 1/2,0  | 00, 1/4,000, 1/10,000  |
|                 | Super Dynamic   |   | On / Off   |  |
|                 | Face Super Dynamic  |   | On / Off (only when Super Dynamic  | : On)  |
|                 | Dynamic F   | Range   | 102 dB typical (Super Dynamic : On, Light Control mode : Indoor)   |  |
|                 | Adaptive Black Stretch  |   | On / Off   |  |
|                 | Fog compensation  |   | On / Off   |  |
|                 | AGC   |   | On (Low) / On(Mid), On(High) / Off   |  |
|                 |   |   | Off, max. 2/30 s, max. 4/30 s, max. 6/30 s, max. 10/30 s, max. 16/30 s   |  |
|                 | Electronic Sensitivity UP<br>Black and White Mode   |   | Mode : AUTO1 / AUTO2 / AUTO3 / On / Off.   |  |
|                 | Black and   | White Mode  |  |  |
|                 | DI TI IN C. D. C. C.  |   | Level : High / Low, with external control  |  |
|                 | Digital Noise Reduction   |   | High / Low   |  |
|                 | Video Motion Detection  |   | 4 areas, Sensitivity : 15 steps, Detection size: 10 steps  |  |
|                 | Privacy Zone  |   | Up to 8 zones, Gray / Mosaic   |  |
|                 | Auto Image Stabilizer   |   | On / Off   |  |
|                 | Camera Title (OSD)  |   | Up to 20 alphanumeric characters (3 selectable character sizes)  |  |
| ens             |   |   | 4.7 mm - 84.6 mm   | C SOLOCIADIO OTIALAOLEI SIZESI   |
| Letts           | Focal Length  |   |  | at V(CA)   |
|                 | Zoom Ratio  |   | 18x / 36x with extra optical zoom (at VGA)   |  |
|                 | Digital (Electronic) Zoom   |   | 12x (Max. 432x combined with extra optical zoom at VGA)  |  |
|                 | Angular Field of View   |   | H : 3.2° (Tele) - 55.2° (Wide), V : 2.4° (Tele) - 42.1° (Wide)   |  |
|                 | Maximum Aperture Ratio  |   | 1 : 1.6 (Wide) - 4.6 (Tele)  |  |
|                 | Focusing Range  |   | 1.5 m - ∞  |  |
|                 | Aperture Range  |   | F1.6 - 22, Close   |  |
| Pan and Tilt    | Panning Range   |   | 0° - 350° (With Pan-Flip : 0°- 360°)   |  |
| ran and Tilt    | Panning Range<br>Panning Speed  |   |  |  |
|                 | r anning S  | peeu  | Manual : approx. 0.5°/s - 100°/s, Up to 256 steps (depending on the controller)  |  |
|                 | Tilling De  |   | Preset : up to approx. 300°/s  |  |
|                 | Tilting Range<br>Tilting Speed  |   | -30° to 90° (upward-level-downwa   | ra) (With Lilt-Flip : -30° to 210°)  |
|                 |   |   | Tilting angle limit :  |  |
|                 |   |   | 10° / 5° / 3° / 0° /  -3° / -5° / -10° / -15° / -20° *4 /-25° *4 / -30° *4   |  |
|                 |   |   | Manual : approx.0.5°/s - 100°/s, Up to 256 steps (depending on the controller  |  |
|                 |   |   | Preset : up to approx. 100°/s  |  |
|                 | Proportional Pan/Tilt Control   |   |  |  |
|                 | Proportional Pan/Tilt Control<br>Number of Preset Positions   |   |  |  |
|                 |   |   |  |  |
|                 | Auto Mode   |   | Off / preset sequence / auto pan / auto track  |  |
|                 | Image Hold  |   | On / Off   |  |
|                 | PTZ Position Display  |   | On / Off   |  |
|                 | Self Return   |   | 10 s / 20 s / 30 s / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min /   |  |
|                 |   |   | 30 min / 60 min  |  |
|                 | Pan/tilt Flip *1  |   | On / Off   |  |
|                 | Map Shot  |   | 360° map shot / preset map shot  |  |
| Browser GUI     | Camera Control  |   |  | Niek eestering Dreg zoom Irie  |
| Browser GUI     | Camera Control  |   | Pan/Tilt (16 steps), Zoom, Focus, C  |  |
|                 | Diselau M. J  |   | Preset position call and program, A  |  |
|                 | Display Mode  |   | Spot, Quad : Image from 16 cameras   |  |
|                 |   |   | screens or 16 split screen (JPEG only). 20 characters camera title available.  |  |
|                 | Camera Title  |   | Up to 20 alphanumeric characters   |  |
|                 | Clock Display   |   | Time : 12H / 24H, Date : 5 formats on th   | e browser, Summer time (Manual/AUTC  |
|                 | Alarm Control   |   | Reset  |  |
|                 | One Shot Capture  |   | A still picture will be displayed on a   | newly opened window.   |
|                 | Audio   |   |  | e adjustment : Low / Middle / High   |
|                 | Addio   |   | Audio Output : On / Off Volum  |  |
|                 | SD Memory Data Download   |   | Still or motion images recorded in the SD  |  |
|                 |   |   | English. French  |  |
|                 | GUI/Setup Menu Language   |   | 5 . /  | English, French, Italian, Spanish,   |
|                 |   |   | (Installation required for French)   | German, Russian (Installation  |
|                 |   |   |  | required except for English)   |
|                 | System Log  |   | Up to 100 (Internal), Up to 4,000 (S   | DHC/SD memory when the   |
|                 | -,  |   | recording format is set to JPEG.) er   |  |
|                 | Supported OS  |   | Microsoft® Windows® 8.1, Microsoft® Windows® 8,  |  |
|                 | Supported OS  |   |  |  |
|                 |   |   | Microsoft® Windows® 7, Microsoft® Windows Vista®,<br>Microsoft® Windows® XP SP3  |  |
|                 |   |   | Microsoft® Windows® XP SP3   |  |
|                 | 0   | Durau   | Windows® Internet Explorer® 11 (32 bit)  |  |
|                 | Supported   | Browser   |  |  |
|                 | Supported   | Browser   | Windows® Internet Explorer® 10 (32   | 2 bit)   |
|                 | Supported   | Browser   |  | 2 bit)   |
|                 | Supported   | Browser   | Windows® Internet Explorer® 10 (32   | 2 bit)<br>2 bit)   |
|                 | Supported   | Browser   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32  | 2 bit)<br>2 bit)<br>2 bit)   |
| Network         | Supported   |   | Windows® Internet Explorer® 10 (32         Windows® Internet Explorer® 9 (32         Windows® Internet Explorer® 8 (32         Microsoft® Internet Explorer® 7 (32   | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)   |
| Network         | Network IF  | -   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 8 (32<br>Microsoft® Internet Explorer® 7 (33<br>10Base-T / 100Base-TX, RJ45 con   | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>nector   |
| Network         | Network IF<br>Image   | Aspect ratio:   | Windows® Internet Explorer® 10 (32           Windows® Internet Explorer® 9 (32           Windows® Internet Explorer® 8 (32           Microsoft® Internet Explorer® 7 (32           10Base=T/, 100Base=TX, RU45 con           H.264 : 1,280 × 960 / 800 × 600 / VGA (64   | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480) / QVGA (320 × 240), up to 30 fp:   |
| Network         | Network IF<br>Image<br>Resolution   | Aspect ratio:   | Windows® Internet Explorer® 10 (32)           Windows® Internet Explorer® 9 (32)           Windows® Internet Explorer® 8 (32)           Microsoft® Internet Explorer® 7 (32)           10Base-T / 100Base-TX, RJ45 con           H.264 : 1,280 × 960 / 800 × 600 / VGA (64)           MFEG4 : VAG (64) x 480 / OVGA (32) × 240   | 2 bit)<br>bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480) / OVGA (320 × 240), up to 30 fp<br>), up to 30 fps   |
| Network         | Network IF<br>Image   | Aspect ratio:<br>[4 : 3]  | Windows® Internet Explorer® 10 (32           Windows® Internet Explorer® 9 (32           Windows® Internet Explorer® 7 (33           Microsoft® Internet Explorer® 7 (33           10Base-T / 100Base-TX, RJ45 com           H264 : 1,280 × 960 / 800 × 600 / VGA (64           MPEG4 : VGA (64 × 480) / VGA (64 × 484)           MPEG4 : VGA (64 × 480) / VGA (64 × 484)  | 2 bit)<br>2 bit)<br>2 bit)<br>10 ctor<br>10 x 480/ / QVGA (320 x 240), up to 30 fp<br>0, up to 30 fps<br>A (640 x 480) / QVGA (320 x 240), up to 30 fp   |
| Network         | Network IF<br>Image<br>Resolution   | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:   | Windows® Internet Explorer® 10 (32           Windows® Internet Explorer® 9 (32           Windows® Internet Explorer® 8 (32           Microsoft® Internet Explorer® 7 (32           10Base-T / 100Base-TX, RJ45 con           H264 : 1,280 v 960 / 800 × 600 / VGA (64           MPEG-4: VCA (640 × 480) / 0VGA (320 × 240)           JPEG (MJPEG) : 1,280 × 960 / 800 × 600 / VG           H.264 : -1,280 × 720 / 640 × 360 / 30   | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>10 v 480) / CVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / CVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps   |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]   | Windows® Internet Explorer® 10 (32)<br>Windows® Internet Explorer® 9 (32)<br>Windows® Internet Explorer® 8 (32)<br>Microsoft® Internet Explorer® 7 (32)<br>10Base-T / 100Base-T X, FJ45 con<br>H264 : 1280 × 960 / 900 × 600 / VGA<br>(64) WPEG-4 : VGA (640 × 480) / QVGA (320 × 244)<br>JPEG (MJPEG) : 1,280 × 980 / 800 × 600 / VG<br>H.264 : 1,280 × 720 / 640 × 360 / 32)<br>JPEG (MJPEG) : 1,280 × 720 / 640   | 2 bit)<br>b bit)<br>b bit)<br>2 bit)<br>nector<br>10 × 4800 / OVGA (320 × 240), up to 30 fp<br>10, up to 30 fps<br>A (640 × 480) / OVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>1 × 360 / 320 × 180, up to 30 fps  |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode  | Windows® Internet Explorer® 10 (32           Windows® Internet Explorer® 9 (32           Windows® Internet Explorer® 7 (33           10Base-T / 10DBase-TX, RJ45 con           H264 : 1,280 × 960 / 800 × 600 / VGA (64           MPEG-4 : VCA (640 × 480) / 0VGA (320 × 240           JPEG (MJPEG) : 1,280 × 980 / 800 × 600 / VGA           JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 32           JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 32           JPEG (MJPEG) : 1,280 × 720 / 640           Constant bitrate / Framerate priorit  | 2 bit)<br>bit)<br>bit)<br>2 bit)<br>2 bit)<br>10 × 480/ / QVGA (320 × 240), up to 30 fp<br>0 (480 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>1 × 360 / 320 × 180, up to 30 fps<br>1 × 360 / 320 × 180, up to 30 fps   |
| Network         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate  | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 8 (32<br>Microsoft® Internet Explorer® 7 (30<br>10Base-T / 100Base-TX, RJ45 con<br>14264 : 1280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (220 × 24<br>JPEG (MJPEG) : 1280 × 960 / 800 × 600 / VG<br>H.264 : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 70 / 5 /  | 2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480) / QVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>2 × 380, up to 30 fps<br>2 × 380, up to 30 fps<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps   |
| Vetwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode  | Windows® Internet Explorer® 10 (32           Windows® Internet Explorer® 9 (32           Windows® Internet Explorer® 7 (33           10Base-T / 10DBase-TX, RJ45 con           H264 : 1,280 × 960 / 800 × 600 / VGA (64           MPEG-4 : VCA (640 × 480) / 0VGA (320 × 240           JPEG (MJPEG) : 1,280 × 980 / 800 × 600 / VGA           JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 32           JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 32           JPEG (MJPEG) : 1,280 × 720 / 640           Constant bitrate / Framerate priorit  | 2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480) / QVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>2 × 380, up to 30 fps<br>2 × 380, up to 30 fps<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps   |
| Network         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate  | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 10DBase-TX, FJ45 con<br>H264 : 1280 v 960 / 900 × 600 / VGA (64<br>MPEG-4: VGA (640 × 480) / QVGA (320 × 24<br>JPEG (MJPEG) : 1,280 × 980 / 800 × 600 / VG<br>JPEG (MJPEG) : 1,280 × 980 / 800 × 600 / VG<br>JPEG (MJPEG) : 1,280 × 720 / 640<br>Constant bitrate / Framerate priorit<br>1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps<br>64 / 128 / 256 / 384 / 512 / 766 / 1,  | 2 bit)<br>b it)<br>b it)<br>nector<br>10 × 480) / QVGA (320 × 240), up to 30 fp<br>10, up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fps<br>20 × 180, up to 30 fps<br>y / Best effort<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>0 24 / 1,536 / 2,048 / 3,072 /   |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 7 (33<br>IDBase-T / 100Base-TX, RJ45 con<br>Hz64: 1,280 × 960 / 800 × 600 / VGA (64<br>MPEG-4: VGA (640 × 840) / OVGA (220 × 24<br>JPEG (MJPEG): 1,280 × 9720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG): 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) × 720 / 70                                  | 2 bit)<br>b it)<br>b it)<br>nector<br>10 × 480) / QVGA (320 × 240), up to 30 fp<br>10, up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fps<br>20 × 180, up to 30 fps<br>y / Best effort<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>0 24 / 1,536 / 2,048 / 3,072 /   |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality  | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 100Base-TX, RJ45 con<br>14264 : 1280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (220 × 24<br>JPEG (MJPEG) : 1280 × 960 / 800 × 600 / VG<br>HL264 : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 720  | 2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480 / QVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>2 × 360 / 320 × 180, up to 30 fps<br>y / Best effort<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>024 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only  |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transision Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval  | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 10DBase-TX, FJ45 con<br>1264 : 1280 : 960 / 900 : 960 / 960 (4)<br>MPEG-4 : VGA (640 × 480) / QVGA (320 × 24<br>JPEG (MJPEG) : 1,280 × 960 / 900 × 860 / 93<br>JPEG (MJPEG) : 1,280 × 960 / 900 × 860 / 93<br>JPEG (MJPEG) : 1,280 × 720 / 640<br>Constant bitrate / Framerate priorit<br>1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps<br>64 / 128 / 256 / 384 / 512 / 766 / 1,<br>4,096 / 8,192* kbps / Unlimited * H<br>Low / Normal / Fine<br>0.2 s / 0.25 6 / 0.33 s / 0.5 s / 1 s /  | 2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480 / QVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>2 × 360 / 320 × 180, up to 30 fps<br>y / Best effort<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>024 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only  |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 7 (33<br>Microsoft® Internet Explorer® 7 (31<br>10Base-1 / 100Base-1X, RJ45 con<br>L264 : 1,280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 840) / 0VGA (220 × 24<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 3<br>JPEG (JPEG) : 1,280 × 720 / 700 / 700 / 700 / 700 / 700 / 700 / 700 / 700 / 700 / 700 / 700 / 700 / 70                   | 2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480 / QVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>2 × 360 / 320 × 180, up to 30 fps<br>y / Best effort<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>024 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only  |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type<br>Image Quality  | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 100Base-TX, RJ45 con<br>14264 : 1280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (220 × 240<br>JPEG (MJPEG) : 1,280 × 960 / 800 × 600 / VG<br>HL264 : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5 / 700 / 5                                | 2 bit)<br>2 bit)<br>2 bit)<br>nector<br>10 × 480 / QVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (640 × 480) / QVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>2 × 360 / 320 × 180, up to 30 fps<br>y / Best effort<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>024 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only  |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type   | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 10DBase-TX, RJ45 con<br>H264 : 1280 : 960 / 900 : 960 / 900 / 960 / 960<br>MPEG-4 : VGA (640 × 480) / QVGA (320 × 24<br>JPEG (MJPEG) : 1,280 × 980 / 900 × 800 / 93<br>JPEG (MJPEG) : 1,280 × 980 / 900 × 800 / 93<br>JPEG (MJPEG) : 1,280 × 720 / 640<br>Constant bitrate / Framerate priorit<br>1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps<br>64 / 128 / 256 / 384 / 512 / 766 / 1,<br>4,096 / 8,192* kbps / Unlimited * H<br>Low / Normal / Fine<br>0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s /<br>Unicast / Multicast<br>10 steps<br>Pull / Push  | 2 bit)<br>2 bit)<br>bit)<br>nector<br>10 × 480 / OVGA (320 × 240), up to 30 fp<br>10, up to 30 fps<br>A (840 × 480) / OVGA (320 × 240), up to 30 fp<br>20 × 180, up to 30 fps<br>20 × 180, up to 30 fps<br>20 × 360 / 320 × 180, up to 30 fps<br>1 / 3 / 5 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>0 24 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only<br>2 s / 3 s / 4 s / 5 s  |
| letwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Farsmission Mode<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type<br>Image Quality  | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 10DBase-TX, RJ45 con<br>H264 : 1280 : 960 / 900 : 960 / 900 / 960 / 960<br>MPEG-4 : VGA (640 × 480) / QVGA (320 × 24<br>JPEG (MJPEG) : 1,280 × 980 / 900 × 800 / 93<br>JPEG (MJPEG) : 1,280 × 980 / 900 × 800 / 93<br>JPEG (MJPEG) : 1,280 × 720 / 640<br>Constant bitrate / Framerate priorit<br>1 / 3 / 5 / 7.5 / 10 / 15 / 20 / 30 fps<br>64 / 128 / 256 / 384 / 512 / 766 / 1,<br>4,096 / 8,192* kbps / Unlimited * H<br>Low / Normal / Fine<br>0.2 s / 0.25 s / 0.33 s / 0.5 s / 1 s /<br>Unicast / Multicast<br>10 steps<br>Pull / Push  | 2 bit)<br>2 bit)<br>bit)<br>nector<br>10 × 480 / OVGA (320 × 240), up to 30 fp<br>3), up to 30 fps<br>A (840 × 480) / OVGA (320 × 240), up to 30 fps<br>20 × 180, up   |
| Vetwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)   | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type<br>Image Quality<br>Transmission Type<br>pression   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 7 (33<br>I0Base-T / 100Base-TX, RJ45 con<br>H264 1;280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 840) / 0VGA (220 × 24<br>JPEG (MJPEG) : 1,280 × 960 / 800 × 600 / VG<br>H.264 : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 972 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 6                   | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>0 × 480) / QVGA (320 × 240), up to 30 fp<br>3 (4840 × 480) / QVGA (320 × 240), up to 30 fp<br>2 0 × 180, up to 30 fps<br>3 × 360 / 320 × 180, up to 30 fps<br>3 × 360 / 320 × 180, up to 30 fps<br>0 / 8 × 16 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>0 / 4 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only<br>2 s / 3 s / 4 s / 5 s<br>  |
| łetwork         | Network II<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)<br>Audio Con  | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type<br>Image Quality<br>Transmission Type<br>pression   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 8 (32<br>Microsoft® Internet Explorer® 7 (32<br>10Base-T / 100Base-TX, RJ45 con<br>14264 : 1280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (220 × 240<br>JPEG (MJPEG) : 1,280 × 960 / 800 × 600 / VG<br>HL264 : 1,280 × 960 / 800 × 600 / VG<br>HL264 : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 7<br>JPEG (MJPEG) : 1,280 × 7<br>JPEG (MJPEG | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>0 × 480) / QVGA (320 × 240), up to 30 fp<br>3 (4840 × 480) / QVGA (320 × 240), up to 30 fp<br>2 0 × 180, up to 30 fps<br>3 × 360 / 320 × 180, up to 30 fps<br>3 × 360 / 320 × 180, up to 30 fps<br>0 / 8 × 16 / 7.5 / 10 / 12 / 15 / 20 / 30 fps<br>0 / 4 / 1,536 / 2,048 / 3,072 /<br>1.264 mode only<br>2 s / 3 s / 4 s / 5 s<br>  |
| Vetwork         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)<br>Audio Con<br>Audio Moc                                   | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Surger State<br>Transmission Type<br>Image State<br>Transmission Type<br>Image State<br>Transmission Type<br>Image State<br>Transmission Type<br>Transmission Type<br>Tr | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 7 (33<br>Microsoft® Internet Explorer® 7 (31<br>DBase-17 100Base-1X, PL45 con<br>H264 : 1,280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 840) / OVGA (620 × 24<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) : 1,280 × 720 / 7<br>JPEG (JPEG) : 1,280 × 700 / 7<br>JPEG (JPEG) : 1,280 × 700        | 2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>2 bit)<br>1 bit)<br>2 bit)<br>0 x480) / QVGA (320 x 240), up to 30 fp<br>20 x 180, up to 30 fps<br>20 x 180, up to 30 fps<br>22 x 180, up to 30 fps<br>20 x 180, up to 30 fps<br>30 x 180, up  |
| <b>V</b> etwork | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)<br>Audio Con<br>Audio Moc<br>Authentice                     | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Refresh Interval<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Jpe<br>Image Quality<br>Transmission Jpe<br>Image Jpression<br>Je   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 7 (33<br>10Base-T / 100Base-TX, RJ45 con<br>H264 1;280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (620 × 24<br>JPEG MJPEG) : 1,280 × 960 / 800 × 600 / VG<br>H.264 : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 33<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 32<br>Gr / 100  | 2 bit)<br>2 bit) |
| Network         | Network If<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)<br>Audio Con<br>Audio Moc<br>Audio Moc<br>Audio Total Bit R | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>The Comparison Type<br>The Comparison Type<br>The Comparison Type<br>Type Type Type Type Type Type Type Type   | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 100Base-TX, RJ45 con<br>14264 : 1280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (220 × 24<br>JPEG (MJPEG) : 1280 × 960 / 800 × 600 / VG<br>HL264 : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 / 120 / 766 / 1, 284 / 512 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 /   | 2 bit)<br>2 bit) |
| Network         | Network IF<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)<br>Audio Con<br>Audio Moc<br>Authentice                     | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>The Comparison Type<br>The Comparison Type<br>The Comparison Type<br>Type Type Type Type Type Type Type Type   | Windows® Internet Explorer® 10 (32<br>Windows® Internet Explorer® 9 (32<br>Windows® Internet Explorer® 7 (33<br>DiBase-T / 100Base-TX, RJ45 con<br>Hz64 : 1,280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 840) / OVGA (220 × 24<br>DE5C (MJPEG) : 1,280 × 9720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1,280 × 720 / 640 × 360 / 3<br>JPEG (JPEG) / 15 / 20 / 30 fps / 15 / 20 / 30 fps / 12 / 50 / 35 / 15 / 10 / 15 / 20 / 30 fps / 12 / 56 / 384 / 512 / 768 / 16 / 45 / 12 / 768 / 10 / 42 / 128 / 266 / 384 / 512 / 768 / 1,024 .<br>Ifvo : TOPI/P, UDP/IP, HTTP, HTTI   | 2 bit)<br>2 bit) |
| Network         | Network If<br>Image<br>Resolution<br>*2 *3<br>H.264/<br>MPEG-4<br>*2<br>JPEG<br>(MJPEG)<br>Audio Con<br>Audio Moc<br>Audio Moc<br>Audio Total Bit R | Aspect ratio:<br>[4 : 3]<br>Aspect ratio:<br>[16 : 9]<br>Transmission Mode<br>Frame Rate<br>Bit Rate/Client<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>Image Quality<br>Transmission Type<br>The Comparison Type<br>The Comparison Type<br>The Comparison Type<br>Type Type Type Type Type Type Type Type   | Windows® Internet Explorer® 10 (3:<br>Windows® Internet Explorer® 9 (3:<br>Windows® Internet Explorer® 8 (3:<br>Microsoft® Internet Explorer® 7 (3:<br>10Base-T / 100Base-TX, RJ45 con<br>14264 : 1280 × 960 / 800 × 600 / VGA (64<br>MPEG-4 : VGA (640 × 480) / VGA (220 × 24<br>JPEG (MJPEG) : 1280 × 960 / 800 × 600 / VG<br>HL264 : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 × 360 / 3<br>JPEG (MJPEG) : 1, 280 × 720 / 640 / 120 / 766 / 1, 284 / 512 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 / 120 / 768 / 1, 284 /   | 2 bit)<br>2 bit) |

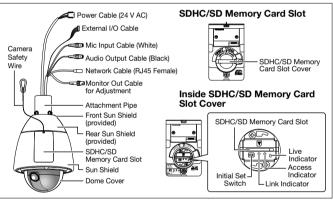
• Masses and dimensions are approximate. • Specifications are subject to change without notice.

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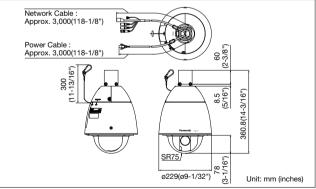
| TV System |                                  | NTSC  | PAL                                |  |
|-----------|----------------------------------|---|------------------------------------|--|
| Network   | FTP Client                       | Alarm image transfer, Periodic image transfer (When the FTP periodic transmission           |                                    |  |
|           |                                  | is failed, backup on an optional SDHC/SD memory card is available.)                         |                                    |  |
|           | No. of Simultaneous Users        | Up to 14 users (Depends on network conditions)  |                                    |  |
|           | SDHC/SD Memory Card              | H.264 recording: Manual REC / Alarm REC (Pre/Post) / Schedule REC                           |                                    |  |
|           | (Option)                         | JPEG recording: Manual REC / Alarm REC (Post) / Backup upon network failure                 |                                    |  |
|           |                                  | Compatible SD (SDHC) card: Panasonic 256 MB, 512 MB, 1 GB,                                  |                                    |  |
|           |                                  | 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB* model * SDHC card  |                                    |  |
|           | Cellular Phone Compatibility     | JPEG image, panning/tilting/zoom control, AUX control (by access level)                     |                                    |  |
|           | Mobile Terminal Compatibility *6 | iPad, iPhone, iPod touch (iOS 4.2.1 or later) Android™ mobile terminals                     |                                    |  |
| Alarm     | Alarm Source                     | 3x Terminal inputs, VMD, Command alarm  |                                    |  |
|           | Alarm Actions                    | SD memory recording, E-mail notification, Indication on browser, Camera positioning, Preset |                                    |  |
|           |                                  | position 1 ~ 64, FTP image transfer, Terminal output, Panasonic protocol output, Auto track |                                    |  |
|           | Alarm Log                        | With SD memory card: 5,000 logs, Without SD memory card: 1,000 logs                         |                                    |  |
|           | Schedule                         | Alarm/VMD/Access permission, Preset position call, Position refresh, H.264 recording        |                                    |  |
| Input /   | Monitor Output                   | 1.0 V [P-P] / 75 Ω, NTSC composite,   | 1.0 V [P-P] / 75 Ω, PAL composite, |  |
| Output    | (for adjustment)                 | BNC   | BNC                                |  |
|           | Microphone/Line Input            | MIC IN and Line IN are selectable. ø3.5 mm monaural mini jack                               |                                    |  |
|           |                                  | (Applicable microphone: Plug-in power type),  |                                    |  |
|           |                                  | Supply voltage: 2.5 V ±0.5 V, Input impedance: approx. 2 kΩ                                 |                                    |  |
|           | Audio Output                     | ø3.5 mm stereo mini jack (monaural output) Line level                                       |                                    |  |
|           | External I/O Terminals           | ALARM IN 1 (DAY/NIGHT IN), ALARM IN 2 (ALARM OUT),  |                                    |  |
|           |                                  | ALARM IN 3 (AUX OUT)  |                                    |  |
| General   | Safety/EMC Standard              | UL (UL60065), FCC (Part15 ClassA),  | CE (EN60065, EN55022 ClassB,       |  |
|           |                                  | C-UL (CAN/CSA C22.2 No.60065),  | EN55024), GOST (GOST R 51558)      |  |
|           |                                  | DOC (ICES003 ClassA)  |                                    |  |
|           | Power Source/                    | 24 V AC (50 Hz / 60 Hz): approx. 43 W Heater On   |                                    |  |
|           | Consumption                      | PoE Plus: approx. 24.0 W (IEEE802.3at Type2 compliant, Class 4 device) Heater On            |                                    |  |
|           | Ambient Operating                | -40 °C to +50 °C (-40 °F to 122 °F) (24 V AC) *5,   |                                    |  |
|           | Temperature/Humidity             | -30 °C to +50 °C (-22 °F to 122 °F) (PoE Plus), 90 % or less (without condensation)         |                                    |  |
|           | Impact Protection                | IEC 62262 : 2002 IK10 (Impact energy 20J)   |                                    |  |
|           | Water and Dust Resistance        | IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.         |                                    |  |
|           | Dimensions                       | ø229 mm x 360.8 mm (H) (ø9-1/32" x 14-3/16" (H)), Diameter of the dome: 150 mm (5-29/32")   |                                    |  |
|           | Mass (approx.)                   | 4.6 kg (10.14 lbs.)   |                                    |  |

\*1 Application software V.1.05 / Driver software V.1.22 or later. The pan/tilt-flip function cannot be activated by clicking live images. When the zoom ratio is adjusted to the "TELE" side, images will be partially hidden even if the pan/tilt-flip function is activated. "2 H.264 and MPEG-4 are alternative. "3 [4 : 3] and [16 : 9] are alternative. "4 Images may partially covered depending on the housing brackets. "5 When used with a continuous power supply (camera internal temperature must be above -10°C, and installation and startup should be done at above -30°C.) \*6 For further information about compatible devices, refer to our website ( http://security.panasonic.com/pss/security/support/info.html ).

#### Part Names and Functions



#### Appearance



#### Trademarks and registered trademarks

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Important

- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product. - Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network

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