Panasonic

Super Dynamic 6 Weather Resistant Dome Camera

WV-CW590 Series WV-CW590A Series

NTSC WV-CW594 (24 V AC) WV-CW590A (24 V AC)

PAL WV-CW590 (220 ~ 240 V AC)

WV-CW590A (220 ~ 240 V AC)

WV-CW594 (24 V AC) WV-CW590A (24 V AC)



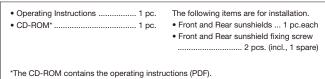
All-in-one 24-hour outdoor surveillance camera featuring 36x zoom and Super Dynamic 6 technology

Key Features

- Super Dynamic 6 technology delivers 128x(NTSC) / 160x (PAL) wider dynamic range compared to conventional cameras.
- High resolution: 650 TV lines
- High sensitivity with Day/Night function: 0.5 lx (Color) at F1.4 (Wide), 0.04 lx (B/W) at F1.4 (Wide). IR cut filter switches on/off to enhance the sensitivity in B/W mode.
- Adaptive Digital Noise Reduction: Integration of 2D-DNR and 3D-DNR ensures noise reduction in various conditions.
- Electronic sensitivity enhancement: Auto (Up to 32x) / Manual (Up to 512x)
- Electronic shutter from 1/100(NTSC), 1/120 (PAL) to 1/10,000 s
- 36x zoom lens: 3.3 ~ 119 mm (approx. 720x with digital zoom)
- Pan/Tilt speed of max. 400°/s at preset mode and 0.065°/s super fine control at manual mode
- 5 degrees upper view for various applications
- 256 preset positions that can be activated from the system controller with a switcher or recorder (specific models).
- Auto tracking: The camera follows the largest movement in the image automatically. The camera will pan and tilt to keep the subject in the center of the image.
- VMD (Video Motion Detector) with Mask 8 x 6 areas
- Scene Change Detection alarms when lens is covered, spray painted, removed or defocused.
- 4 alarm inputs and 2 outputs terminals
- Alarm actions include Terminal output, Camera positioning, Auto pan, Patrol, SEQ, Sort, Auto track, B/W and command output.
- Auto Image Stabilizer for applications where vibration or wind is a concern.
- Internal <NTSC/PAL> / Multiplexed Vertical Drive (VD2) <NTSC> synchronization

- Over the coaxial cable or RS485 data (Panasonic, Pelco P/D Protocol) communication
- 16 alphanumerics camera title display
- Multi language: English, French, Italian, Spanish, German, Russian, Chinese, Japanese
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard.
- Built-in fan/heater for temperature changes of -50 °C ~ +50 °C(-58°F ~122°F)
- Built-in sun shield permits camera locations in direct sunlight.
- Rain wash coating dome cover (WV-CW590A/WV-CW594A)

Standard Accessories



Optional Accessory



Specifications

| Camera | ı | NTSC | PAL |
|-------------------|---|---|---|
| | Image Sensor | 1/4 type interline transfer CCD | |
| | Effective Pixels | 976 (H) x 494 (V) | 976 (H) x 582 (V) |
| | Scanning Mode | 2:1 interlace | |
| | Scanning Area | 3.66 mm(H) x 2.74 mm(V) (5/32"(H) x 3/32"(V)) | 3.66 mm (H) x 2.73 mm (V) (5/32"(H) x 3/32"(V) |
| | Scanning Frequency | Horizontal: 15.734 kHz Vertical: 59.94 Hz | Horizontal: 15.625 kHz Vertical: 50 Hz |
| | Horizontal Resolution | 650 TV lines | |
| | Minimum Illumination | Color (30 IRE): 0.5 Ix (SENS UP: OFF | 0.0.16 ly (SENS LIP: 22v) at E1.4 |
| | | B/W (10 IRE): 0.04 Ix (SENS UP: OFF | |
| | Signal-to-Noise Ratio | 52 dB minimum (AGC: OFF) | |
| | White Balance | AWC (2,000 ~ 10,000 K), ATW1 (2,70 | 0 ~ 8,000 K), ATW2 (2,400 ~ 8,000 K) |
| | Light Control | ALC (Adjustable OPEN/CLOSE output target level) / MANUAL | |
| | AGC | ON (LOW, MID, HIGH) / OFF | |
| | Super Dynamic 6 | ON / OFF | |
| | Dynamic Range | 52 dB typical (Super Dynamic 6 : ON) | 54 dB typical (Super Dynamic 6 : ON) |
| | Electronic Shutter | OFF (1/60), AUTO, 1/100, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 | OFF (1/50), AUTO, 1/120, 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 |
| | Electronic Sensitivity UP Digital Noise Reduction | 32x max. AUTO, 512x max. FIX High or Low | |
| | Black and White Mode | Auto / ON / OFF | |
| | Scene File | 10 patterns (Shutter, AGC, Sens UP, White balance, VMD) | |
| | | | |
| | Scene Select Setting | INDOOR (L) / INDOOR (H) / OUTDOOR (L) / OUTDOOR (H) | |
| | Video Motion Detection | | |
| | Privacy Zone | ON / OFF (8 zone settings) | |
| | Auto Image Stabilizer | ON / OFF | |
| | Camera Title | 16 alphanumeric characters | |
| | Auto Focus | MANUAL / AUTO (PAN,TILT,ZOOM linked) | |
| | Synchronization | Internal (INT), Multiplexed Vertical Drive (VD2) Internal (INT) | |
| Lens | Focal Length | 3.3 mm ~ 119 mm | |
| | Zoom Ration | 36x (Approx. 720x with digital zoom) | |
| | Zoom Speed | approx. 6.0 seconds (Tele ~ Wide) in manual mode | |
| | | | manualmode |
| | Zoom Limit | 1x ~ 720x (Over 36x is digital zoom) | |
| | Angular Field of View | H: 1.7° (Tele) ~ 60.2° (Wide), V: 1.3° (Tele) ~ 46.0° (Wide) | |
| | Maximum Aperture Ratio | 1:1.4 (Wide) ~ 4.2 (Tele) | |
| | Focusing Range | 2.0m (6.6ft.) ~ ∞ | |
| | Aperture Range | F1.4 ~ 22, Close | |
| Pan and | Panning Range | 360° endless | |
| Tilt | Panning Speed *1 | Manual: approx. 0.065 °/s ~ 120 °/s, 8 steps, 16 steps, 64 steps, Preset: approx. 400 °/s | |
| | Tilting Range | -5° ~ 185° (horizontal - vertical - horizontal) (According to the TILT ANGLE) | |
| | Tilting Speed *1 | Manual: approx. 0.065 °/s ~ 120 °/s, 8 steps, 16 steps, 64 steps, Preset: approx. 400 °/s | |
| | Dep/tilt.coourcou/ | Less than ±0.3° | |
| | Pan/tilt accuracy | | |
| | Proportional Pan/Tilt Control | ON / OFF | |
| | Number of Preset Positions | 256 | |
| | Auto Mode | OFF, SEQ, SORT, AUTO PAN, PATROL, AUTO TRACK | |
| | Auto Track | Standard Auto Track | |
| | Patrol | STOP / PLAY / LEARN | |
| | Image Hold | ON / OFF | |
| | Digital Flip | ON / OFF | |
| | | | |
| | | 8 area titles, 16 characters/area | |
| | Area Title | | |
| | Preset Alarm | ON / OFF | |
| Alarm | Preset Alarm Alarm Source | ON / OFF Terminal input, VMD, Command alar | |
| | Preset Alarm Alarm Source Alarm Actions | ON / OFF | , AUTO TRACK 1 ~ 4, SEQ, SORT, |
| Alarm Input / | Preset Alarm Alarm Source | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 | |
| | Preset Alarm Alarm Source Alarm Actions | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / | , AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / |
| Input / | Preset Alarm Alarm Source Alarm Actions Video Output | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector | , AUTO TRACK 1 ~ 4, SEQ, SORT, |
| Input / | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 | , AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 | , AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector |
| Input / | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method | ON / OFF Terminal input, VMD, Command alar Preset position 1 - 4, PATROL 1 - 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 - ALARM IN 4), 2 OSD setup menu | , AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 OSD setup menu All menus | , AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 OSD setup menu All menus UL (65000, FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 OSD setup menu All menus UL (65000, FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 V |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W ~50 °C ~ +50 °C (~58 °F ~ 122 °F) *2 | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 N |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W -50 °C ~ +50 °C (-58 °F ~ 122 °F) *2 90 % or less (without condensation) | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese, Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 W WV-CW594: 24 V AC, 50 Hz, 98 W |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Temperature Ambient Operating Temperature | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian 24 V AC, 60 Hz, 98 W -50 °C – +50 °C (-58 °F – 122 °F) *2 90 % or less (without condensation), IP66, IEC60529 measuring standard | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese, Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 W WV-CW594: 24 V AC, 50 Hz, 98 W |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Humidity | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W -50 °C ~ +50 °C (-58 °F ~ 122 °F) *2 90 % or less (without condensation) IP66, IEC60529 measuring standard 229 mm (D) x 360 mm (H) | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 W WV-CW594: 24 V AC, 50 Hz, 98 W compatible |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Temperature Dimensions | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W ~50 °C ~ +50 °C (~58 °F ~ 122 °F) *2 90 % or less (without condensation) IP66, IEC60529 measuring standard 229 mm (D) x 360 mm (H) diameter of the dome: 150 mm (9°(D) | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese, Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 V WV-CW594: 24 V AC, 50 Hz, 98 W compatible) x 14-1/8"(H) dome:5-7/8") |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Temperature Dimensions Mass (approx.) | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DCC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W -50 °C – +50 °C (-58 °F – 122 °F) *2 90 % or less (without condensation) IP66, IEC60529 measuring standard 229 m(D) × 360 mn (H) diameter of the dome: 150 mn (9°[D 4.5 kg (9.9 lbs.) (including front and r | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 V WV-CW594: 24 V AC, 50 Hz, 98 W compatible) x 14-1/8"(H) dome:5-7/8") ear sunshields) |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Temperature Dimensions | ON / OFF Terminal input, VMD, Command alar Preset position 1 ~ 4, PATROL 1 ~ 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 ~ ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DOC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W ~50 °C ~ +50 °C (~58 °F ~ 122 °F) *2 90 % or less (without condensation) IP66, IEC60529 measuring standard 229 mm (D) x 360 mm (H) diameter of the dome: 150 mm (9°(D) | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese,Japanese WV-CW590: 220-240 V AC, 50 Hz, 80 V WV-CW594: 24 V AC, 50 Hz, 98 W compatible) x 14-1/8"(H) dome:5-7/8") ear sunshields) |
| Input / Output | Preset Alarm Alarm Source Alarm Actions Video Output Controller Interface External I/O Terminals Setup Method Password Lock Safety/EMC Standard Language Power Source and Power Consumption Ambient Operating Temperature Ambient Operating Temperature Dimensions Mass (approx.) | ON / OFF Terminal input, VMD, Command alar Preset position 1 – 4, PATROL 1 – 4 AUTO PAN, B/W 1.0 V [p-p] / NTSC composite 75 / BNC Connector Coaxial Multiplex System, RS485 4 inputs (ALARM IN 1 – ALARM IN 4), 2 OSD setup menu All menus UL (6500), FCC (Part15 ClassA), C-UL (E60065), DCC (ICES003 ClassA) English, Russian, German, French, Italian, 24 V AC, 60 Hz, 98 W -50 °C – +50 °C (-58 °F – 122 °F) *2 90 % or less (without condensation) IP66, IEC60529 measuring standard 229 m(D) × 360 mn (H) diameter of the dome: 150 mn (§°[D | AUTO TRACK 1 ~ 4, SEQ, SORT, 1.0 V [p-p] / PAL composite 75 / BNC Connector 2 outputs (ALARM / AUX1, BW / AUX2) CE (EN60065, EN55022 ClassB, EN55024), GOST (GOST R 51558) Spanish, Portuguese, Chinese, Japanese WV-CW590: 220-240 V AC, 50 Hz, 90 WV-CW594: 24 V AC, 50 Hz, 98 W compatible) x 14-1/8"(H) dome:5-7/8") ear sunshields) (Paint color: Natural Silver) |

*1 Actual speed depends on type of controller being used.

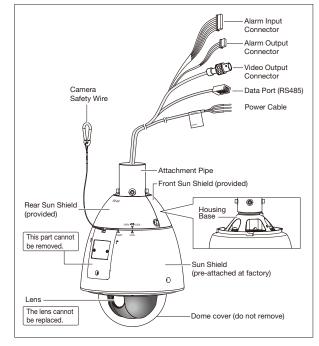
*2 When power is on continuously (however, the camera's interior temperature is -10 °C or higher) *3 Sunshield cannot be removed

- Avoid installing this product in the following locations. Locations where a chemical agent is used such as a swimming pool. Locations subject to steam and oil smoke such as a kitchen, Locations near flammable gas or vapor. Locations where radiation or x-ray emissions are produced. Locations where tailation of x-ray emissions are produced.
 Locations where corrosive gas is produced, Locations where it may be damaged by briny air such as seashores.
 Locations where the temperature is not within -50 °C to +50 °C (-58 °F to +122 °F).
 Locations subject to vibrations (This product is not designed for on-vehicle use.)

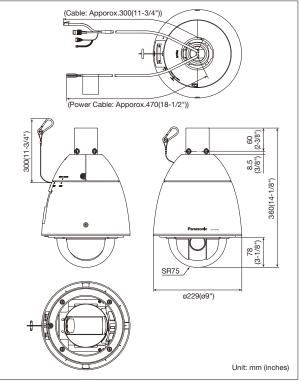
- Locations subject to condensation as the result of severe changes in temperature (In case of installing the product in such locations, the dome cover may become foggy or condensation may be caused on the cover.)

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Part Names and Functions



Appearance



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- Safety Precaution: Carefully read the operating instructions and installation manual before using this product.

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