

WV-S1536LN

The new Standard by i-PRO video surveillance

Full HD Outdoor Bullet Network Camera

The S-Series network cameras offer a new standard in i-PRO video surveillance with drastically improved image quality with advanced technology. It comes with pre-installed AI analytics applications that detects people and vehicles with accuracy, allowing you to easily start state-of-the-art video surveillance.

The camera can be configured while keeping the unit in the box with the acclaimed "Easy Kitting Packaging", making the installation process smooth and easy.

Key Features

- Drastically improved image quality by advanced technology and AI intelligent Auto
- Pre-installed AI analytics applications to detect human and vehicles. Ready for installing 3rd party applications
- Detecting suspicious sound like Gunshot, Yell, Vehicle horn, and Glass break, with external microphones
- Easy Kitting Package enabling installers to configure cameras easily while keeping the unit in the box
- i-PRO Configuration Tool "iCT" can set up 1024 cameras at the same time.
- (iCT page : https://security.panasonic.com/training_support/design_tools/iCT/)

Key i-PRO Spec.

- Full HD 1080p
- Intelligent Auto (with AI Engine)
- Super Dynamic 144dB
- Color night vision (0.007 to 0.009 lx)
- Smart Coding (with AI Engine)
- ClearSight Coating
- Built-in IR LED
- Onvif Profile G / S / T

Industry examples

- Public safety (City / Highway toll / Parking gate)
- Transportation (Airport / Train / Subway)
- Retail / Bank / Logistics / Education / Hospital / Building







Specifications

| Camera | Image Sensor | Approx. 1/2.8 type CMOS image sensor |
|--|---|---|
| | Minimum Illumination | Color : 0.007 lx (30IRE, F1.3, 1/30s) *1 |
| | | Color : 0.009 lx (50IRE, F1.3, 1/30s) |
| | | BW : 0.005 lx (50IRE, F1.3, 1/30s) |
| | | BW : 0 lx (50IRE, F1.3,1/30s with IR LED) |
| | White Balance | ATW1 / ATW2 / AWC |
| | Shutter Speed | [60 fps Mode] 1/60 Fix to 1/10000 Fix, |
| | Shutter speed | |
| | | [30 fps/15 fps mode] 1/30 Fix to 1/10000 Fix |
| | | [50 fps Mode] 1/50 Fix to 1/10000 Fix, |
| | | [25 fps/12.5 fps mode] 1/25 Fix to 1/10000 Fix |
| | Intelligent Auto | On / Off |
| | Super Dynamic ^{*2} | On / Off, The level can be set in the range of 0 to 31. |
| | Dynamic Range | Max.144 dB (Super Dynamic : On, Level 31) |
| | Adaptive Black Stretch | The level can be set in the range of 0 to 255. |
| | Back light compensation / | BLC (Back light compensation) / HLC (High light compensation) / |
| | High light compensation | Off (only when Super dynamic / Intelligent Auto : Off) |
| | Fog compensation | On / Off (only when Intelligent auto / auto contrast adjust : Off) |
| | | The level can be set in the range of 0 to 11. |
| | Maximum gain (AGC) | |
| | Color/BW (ICR) | Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) / |
| | | Auto2 (IR Light On) / Auto3 (SCC) |
| | IR LED Light | High / Middle / Low / Off, |
| | | Maximum irradiation distance : 70 m {Approx. 230 ft} (30IRE) *1 |
| | | 50 m {Approx. 164 ft} (50IRE) |
| | Digital Noise Reduction | The level can be set in the range of 0 to 255. |
| | Video Motion Detection (VMD) | On / Off, 4 areas available |
| | Scene Change Detection (SCD) | On / Off, 1 areas available |
| | Audio Detection | On / Off |
| | | |
| | AI Sound Classification | Gunshot, Yell, Vehicle horn, Glass break |
| | AI Analytics | Yes |
| | Privacy Zone | On / Off, Up to 8 zones available |
| | VIQS | On / Off, Up to 8 zones available |
| | Image rotation ^{*3} | 0°/90°/180°/270° |
| | Camera Title (OSD) | On / Off, Up to 40 characters (alphanumeric characters, marks) |
| | Focus Adjustment | Auto focus |
| | | |
| Lens | Optical zoom | |
| Lens | Optical zoom | 3.1x (Motorized zoom / Motorized Focus) |
| Lens | Optical zoom Extra zoom | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) |
| Lens | Optical zoom Extra zoom Focal length | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} |
| Lens | Optical zoom Extra zoom | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] |
| Lens | Optical zoom Extra zoom Focal length | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) |
| Lens | Optical zoom Extra zoom Focal length | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] |
| Lens | Optical zoom Extra zoom Focal length Angular Field of View | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) |
| Lens | Optical zoom Extra zoom Focal length | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] |
| | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ |
| Lens | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) |
| | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 tt, Tele: 114.8 m / 376.5 ft |
| | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19pf) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13)/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft |
| | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125pm / 38ppf) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16:9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.13 (WIDE) - 1: 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 2.5.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 4.7 m / 15.4 ft, Tele: 23.0 m / 75.3 ft |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Identify (250ppm / 76ppf) | $\begin{array}{c} 3.1x \ ({\sf Motorized \ zoom \ / \ {\sf Motorized \ Focus)} \\ 3.1x \ -9.3x \ ({\sf when \ resolution \ is \ 640 \ x360)} \\ \hline \\ 2.9 \ -9 \ mt \ ({\sf g}\ inches \ -11/32 \ inches) \\ \hline \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125pm / 38ppf) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m {11-3}/16 inches} - ∞ Wide: 2.5 m { 77.2 ft, Tele: 114.8 m { 376.5 ft} Wide: 9.4 m { 30.9 ft, Tele: 35.9 m { 75.3 ft} Wide: 2.4 m { 7.7 ft, Tele: 11.5 m { 37.7 ft} Horizontal : ±180° (PAN rotation part) |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Identify (250ppm / 76ppf) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13)16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 3.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 2.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±18° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Ceiling mounting | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (H (8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2: 5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 30.9 ft, Tele: 33.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : 180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (XAV rotation part) |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Identify (250ppm / 76ppf) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m {11-3}/16 inches} - ∞ Wide: 2.5 m { 77.2 ft, Tele: 114.8 m { 376.5 ft Wide: 9.4 m { 30.9 ft, Tele: 35.9 m { 75.3 ft Wide: 4.7 m { 15.4 ft, Tele: 11.5 m { 377.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Ceiling mounting | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 3.5 m / 77.2 ft, Tele: 31.5 m / 37.6 ft Wide: 2.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 3.7 ft, Tele: 30.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 31.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Horizontal : ±100° (TILT rotation part)* |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Ceiling mounting | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (H (8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2: 5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 30.9 ft, Tele: 33.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (XAW rotation part) Vertical : ±100° (TILT rotation part)* Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Ceiling mounting | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 3.5 m / 77.2 ft, Tele: 31.5 m / 37.6 ft Wide: 2.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 3.7 ft, Tele: 30.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 31.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Horizontal : ±100° (TILT rotation part)* |
| DORI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ptf) Ceiling mounting | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13)/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 4.7 m / 15.4 ft, Tele: 23.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Vertical : ±100° (TILT rotation part)* Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) |
| DORI Adjusting Angle | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250pm / 76ppf) Ceiling mounting Wall mounting | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13)/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 4.7 m / 15.4 ft, Tele: 23.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Vertical : ±100° (TILT rotation part)* Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) |
| DORI Adjusting Angle Browser | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19pf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (H (8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 30.9 ft, Tele: 33.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (XUX rotation part) Horizontal : ±100° (TILT rotation part)* Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off |
| DORI Adjusting Angle Browser | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [1 : 13 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 39.9 m / 150.6 ft Wide: 9.4 m / 7.7 ft, Tele: 11.5 m / 37.6 t Horizontal : ±180° (PAN rotation part) Vide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 t Horizontal : ±180° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) Vertical : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High |
| DORI Adjusting Angle Browser | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [1 : 3 (WIDE) - 1 : 2.5 (TELE) 0.3 m {11-31/6 inches} - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m { 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.5 m / 77.2 ft, Tele: 11.5 m { 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part)* Vertical : ±100° (TILT rotation part)* Yaw : -190° to +100° (YAW rotation part) *You can charge between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High English, Railan, French, German, Spanish, Portugueze, Russian, Chinese, Japanese |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (H (8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1.2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 2.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 15.4 ft, Tele: 23.0 m / 75.3 ft Wide: 2.4 m / 15.4 ft, Tele: 23.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Yertical : c'o to 100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Horizontal : -190° to -100° (VAW rotation part) Horizontal : -190° to -100° (TILT rotation part) Yaw : -190° to -100° (VAW rotation part) Horizontal : -190° to -100° (VAW rotation part) |
| DORI Adjusting Angle Browser | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser ⁴ | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (When resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [1 : 13 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 30.9 ft, Tele: 30.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Rdosgle Chrome 106ase-TJ / 1008ase-TX, R45 connectro |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [1 : 13 (WIDE) - 1 : 2.5 (TELE) 0.3 m (1-13)16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 35.9 m / 150.6 ft Wide: 4.7 m / 15.4 ft, Tele: 11.5 m / 37.5 ft Wide: 4.7 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 6° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part)* Yaw : -190° to +100° (YAW rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part)* Yaw : -190° to +100° (YAW rotation part) Horizontal : 0.7 Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T / 1008ase-TX, RJ45 connector [16 : 9 mode (60 fps mode)] *2 , [16 : 9 mode (30 fps mode)] , |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Wall mounting Gul / Setup Menu Language Browser' 4 Network IF | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (H 8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 2.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : 180° (PAN rotation part) Vertical : co' to 100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Horizontal : -190° to +100° (VAW rotation part) Horizont Edge, Firefox, Coogle Chrome 10Base-T / 10DBase-T / X, RJ45 connector [16 : 9 mode (60 fps mode)] ² , [16 : 9 mode (30 fps mode)] , [16 : 9 mode (60 fps mode) ² , [16 : 9 mode (25 fps mode)] |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (1/8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [1 : 13 (WIDE) - 1 : 2.5 (TELE) 0.3 m (1-13)16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 35.9 m / 150.6 ft Wide: 4.7 m / 15.4 ft, Tele: 11.5 m / 37.5 ft Wide: 4.7 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 6° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part)* Yaw : -190° to +100° (YAW rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part)* Yaw : -190° to +100° (YAW rotation part) Horizontal : 0.7 Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T / 1008ase-TX, RJ45 connector [16 : 9 mode (60 fps mode)] *2 , [16 : 9 mode (30 fps mode)] , |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (H 8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 2.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : 180° (PAN rotation part) Vertical : co' to 100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Horizontal : -190° to +100° (VAW rotation part) Horizont Edge, Firefox, Coogle Chrome 10Base-T / 10DBase-T / X, RJ45 connector [16 : 9 mode (60 fps mode)] ² , [16 : 9 mode (30 fps mode)] , [16 : 9 mode (60 fps mode) ² , [16 : 9 mode (25 fps mode)] |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2: 5 (TELE) 0.3 m (11-3)/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 30.9 ft, Tele: 31.9 m / 150.6 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : 180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Wice adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T / 100Base-TX, RI45 connector [16 : 9 mode (60 fps mode)] ⁷ , [16 : 9 mode (25 fps mode)] [16 : 9 mode (60 fps mode) ⁷ - [16 : 9 mode (25 fps mode)] |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (H 8 inches - 11/32 inches) [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : 180° (PAN rotation part) Vertical : co' to 100° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Wide: Use N / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Coogle Chrome 10Base-T / 10DBase-TX, R445 connector [16 : 9 mode (50 fps mode)] ⁷ , [16 : 9 mode (30 fps mode)] , [16 : 3 mode (30 fps mode)] ⁷ , [16 : 9 mode (25 fps mode)] 1920x080, 1280x20, 640x360, 320x180 [4 : 3 mode (30 fps mode)] , [4 : 3 mode (25 fps mode)] |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2: 5 (TELE) 0.3 m (11-3)/16 inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 30.9 ft, Tele: 32.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : ±180° (PAN rotation part) Vertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Wice adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 10Base-T / 100Base-TX, RI45 connector [16 : 9 mode (60 fps mode)] ¹ 2, [16 : 9 mode (30 fps mode)] [16 : 3 mode (30 fps mode)] ² 1, [16 : 9 mode (25 fps mode)] [1280x960, VGA, QVGA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser' ⁴ Network IF Resolution H.265/ H.264/ JPEG (MJPEG) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 7.7 ft, Tele: 11.5 m / 37.6 t Horizontal : ±180° (PAN rotation part) Yertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T1 / 100Base-T3, R485 connector [16 : 9 mode (60 fps mode)] ² , [16 : 9 mode (30 fps mode)], [16 : 9 mode (30 fps mode)] ² , [16 : 3 mode (25 fps mode)] 1280x960, VCA, QVCA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] 204x1536 ¹⁵ , 1280x960, VGA, QVGA |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser'4 Network IF Resolution H.265/ H.264/ JPEG (MJPEG) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm (H) 8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1.1.3 (WIDE) - 1: 2.5 (TELE) 0.3 m (1-13) foi inches) - ∞ Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 23.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 2.4 m / 7.7 ft, Tele: 13.5 m / 150.6 ft Wide: 2.4 m / 15.4 ft, Tele: 23.0 m / 75.3 ft Wide: 2.4 m / 7.7 ft, Tele: 11.5 m / 37.7 ft Horizontal : 180° (PAN rotation part) Yertical : 0° to 100° (TILT rotation part) Yertical : 0° (TILT rotation part) Yertical : 0° (TILT rotation part) Yertical : 0° (TILT rotation part) Yaw : -190° to +100° (VAW rotation part) Mic (Line) Input : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High Audio Output : 0n / Off Volume adjustment : Low / Middle / High 10Base-T / 10DBase-T / X, R45 connector [16 : 9 mode (50 fps mode)] ⁷ 2, [16 : 9 mode (30 fps mode)] , [16 : 3 mode (30 fps mode)] ⁷ 2, [16 : 9 mode (25 fps mode)] 1280x960, VGA, QVGA [4 : 3 mode (15 fps mode)] [4 : 3 mode (25 fps mode)] 2048x1536 ¹⁵ , 1280x960, VGA, QVGA |
| DORI Adjusting Angle Browser GUI | Optical zoom Extra zoom Focal length Angular Field of View Maximum Aperture Ratio Focusing Range Detect (25ppm / 8ppf) Observe (62.5ppm / 19ppf) Recognize (125ppm / 38ppf) Identify (250ppm / 76ppf) Ceiling mounting Wall mounting Wall mounting Camera Control Audio GUI / Setup Menu Language Browser' ⁴ Network IF Resolution H.265/ H.264/ JPEG (MJPEG) | 3.1x (Motorized zoom / Motorized Focus) 3.1x - 9.3x (when resolution is 640 x 360) 2.9 - 9 mm {1/8 inches - 11/32 inches} [16 : 9 mode] Horizontal : 37° (TELE) - 117° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) [4 : 3 mode] Horizontal : 27° (TELE) - 82° (WIDE), Vertical : 21° (TELE) - 62° (WIDE) 1 : 1.3 (WIDE) - 1 : 2.5 (TELE) 0.3 m (11-13/16 inches) - ∞ Wide: 2.5 m / 77.2 ft, Tele: 114.8 m / 376.5 ft Wide: 9.4 m / 30.9 ft, Tele: 45.9 m / 150.6 ft Wide: 9.4 m / 7.7 ft, Tele: 11.5 m / 37.6 t Horizontal : ±180° (PAN rotation part) Yertical : 0° to 100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) Horizontal : ±100° (TILT rotation part) Yaw : -190° to +100° (YAW rotation part) *You can change between horizontal and vertical angels by adjusting the PAN rotation part. Brightness, AUX On / Off Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Microsoft Edge, Firefox, Google Chrome 108ase-T1 / 100Base-T3, R485 connector [16 : 9 mode (60 fps mode)] ² , [16 : 9 mode (30 fps mode)], [16 : 9 mode (30 fps mode)] ² , [16 : 3 mode (25 fps mode)] 1280x960, VCA, QVCA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] 204x1536 ¹⁵ , 1280x960, VGA, QVGA |

| Vetwork | Smart Coding | GOP (Group of pictures control): |
|----------|---|---|
| | - | Off/ Low (Variable GOP 1s-8s) / Mid (Variable GOP 4s-16s) / |
| | | Advanced (Fixed GOP 60s w/1s key-frame)/ |
| | | Frame rate control (Variable GOP 4s-16s with frame rate control) |
| | | *Advanced and Frame rate control are only available with H.265. |
| | | Smart VIQS: On (High)/On (Low)/Off, Smart P-picture control: On/Off |
| | Audio Compression | G.726 (ADPCM) : 16 kbps / 32 kbps |
| | | G.711 : 64 kbps |
| | | AAC-LC ^{*7} : 64 kbps / 96 kbps / 128 kbps |
| | Audio transmission mode | Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex) |
| | Supported Protocol | IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, |
| | | SNMPv1/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ |
| | | IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, |
| | | SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, IGMP, |
| | | ICMP, ARP, IEEE 802.1X, DiffServ, SRTP |
| | No. of Simultaneous Users | Up to 14 users (Depends on network conditions) |
| | SDXC/SDHC/SD | H.265 / H.264 recording : |
| | 1 ' ' | |
| | Memory Card (Option) | Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure |
| | | JPEG recording : |
| | | Manual REC / Alarm REC (Pre/Post) / Backup upon network failure |
| | | Available SDXC/SDHC/SD Memory Card : |
| | | microSDXC memory card : 64 GB, 128 GB, 256 GB, 512 GB |
| | | microSDHC memory card : 4 GB, 8 GB, 16 GB, 32 GB |
| | | microSD memory card : 2 GB |
| | Mobile Terminal Compatibility | iPad, iPhone, Android™ terminals |
| | ONVIF Profile | G / S / T |
| Alarm | Alarm Source | 3 terminals input, VMD alarm, Command alarm, Audio detection alarm |
| | Alarm Actions | SDXC/SDHC/SD memory recording, E-mail notification, |
| | | HTTP alarm notification Indication on browser, Panasonic alarm protocol output |
| nput/ | Monitor Output | VBS : 1.0 V [p-p] / 75 Ω, composite, Pin jack |
| Dutput | (for adjustment) | An NTSC or PAL signal can be outputted from camera |
| | Audio input ^{*8} | ø3.5 mm stereo mini jack |
| | For microphone input : | Recommended applicable microphone : Plug-in power type |
| | | (Sensitivity of microphone : -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz)) |
| | | Input impedance : Approx. 2 kΩ (unbalanced) |
| | | Supply voltage : 2.5 V ±0.5 V |
| | For line input : | Input level : Approx10 dBV |
| | Audio Output*8 | ø3.5 mm stereo mini jack (monaural output) |
| | | Output impedance : Approx. 600 Ω (unbalanced) |
| | | Output level : -20 dBV |
| | External I/O Terminals ^{*8} | ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) |
| | | ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1) |
| | | ALARM IN 3 (Alarm input 3/ AUX OUT) (x1) |
| General | Safety | UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1 |
| , energi | EMC | FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035 |
| | Power Source and | DC power supply ^{*8} : DC12 V 710 mA, Approx. 8.5 W |
| | Power Consumption | PoE (IEEE802.3af compliant) Device : DC48 V 190 mA, Approx. 9.1 W (Class 0 device) |
| | Ambient Operating | -40 °C to +60 °C (-40 °F to 140 °F)*9 |
| | I molene operating | |
| | Temperature | |
| | Temperature | (Power On range : -30 °C to +60 °C {-22 °F to +140 °F}) |
| | Ambient Operating Humidity | 10 to 100 % (no condensation) |
| | Ambient Operating Humidity Anti-Condensation System | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262) |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1P66, IECG0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262) ø133 mm (W) x 133 mm (H) x 383 mm (D) |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1P66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262) @133 nm (W) x 133 nm (H) x 383 nm (D) {ø5-1/4 inches (W) x 5-1/4 inches (H) x 15-3/32 inches (D)} |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions Mass (approx.) | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262) ø133 mm (W) x 133 mm (H) x 383 mm (D) [ø5-1/4 inches (W) x 5-3/32 inches (D)} Approx. 2.4 kg (5.3 lbs.] |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel 1966, IECG0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IKO (IEC 62262) @133 mm (W) x 133 mm (H) x 383 mm (D) {@5-1/4 inches (W) x 5-1/4 inches (H) x 15-3/32 inches (D)} Approx. 2.4 kg (5.3 lbs.) Main body : Aluminum die cast and resin, i-PRO white |
| | Ambient Operating Humidity Anti-Condensation System Water and Dust Resistance Shock Resistance Dimensions Mass (approx.) | 10 to 100 % (no condensation) Temish element + Heater + moisture absorption gel IP66, IEC0529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant IK10 (IEC 62262) ø133 mm (W) x 133 mm (H) x 383 mm (D) [ø5-1/4 inches (W) x 5-3/32 inches (D)} Approx. 2.4 kg (5.3 lbs.] |

*1 Converted value

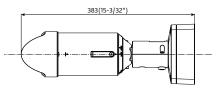
¹ Converted value
 ² When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.
 ³ When the 60 fps mode, 50 fps mode, 15 fps mode or 12.5 fps mode is used, the "90" and "270" settings are not available. When the 320x180 resolution is used, the "90" and "270" settings are not available.
 ⁴ For information on the operation verification of the supported web browsers, refer to our support website

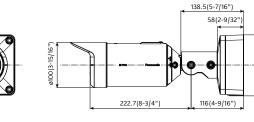
134.5(5-9/32")

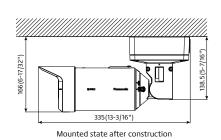
* For information the operation verification of the supported web browsets, refer to dui support website control No.: C0132>.
* 5 Used by super resolution techniques
*6 Transmission for 4 streams can be individually set.
*7 When recording audio on a microSD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity).
*8 When using with these, WV-QCA501A cable is required.
*9 When using with the IR LED light constantly lit, the upper limit of the operating temperature range is +50 °C (+122 °F).

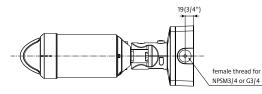
Appearance











female thread for conduit

Unit : mm (inches)

https://security.panasonic.com/products_technology/products/i-pro_ai_application/

AI Video Motion Detection (AI-VMD)

Advanced video analysis technology detects objects (faces, people, cars, motorcycles) in a specified area. (Intruder Detection, Loitering Detection, Direction Detection, Cross Line Detection)

AI Privacy Guard

To protect privacy and portrait rights, it is possible to automatically apply a mosaic the entire face and figure of a person photographed by the camera.

AI Face Detection

Detects faces with high precision even in low-light, backlit, and mask-wearing environments.

AI People Detection

Extract the characteristics of human face / clothing and classify them into meaningful categories such as gender, age, and clothing color.

3rd party applications are also available. https://security.panasonic.com/i-pro-application-platform/application-list/

Optional Accessories

Mount Bracket





* WV-QCA500APK and WV-QCA501APK are package of 10 cables.

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- iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

- Android is a trademark of Google LLC.

- All other trademarks identified herein are the property of their respective owners.

Important

- Safety Precautions : Carefully read the Basic Information, Installation Guide and

Operating Instructions before using this product. - Panasonic i-PRO Sensing Solutions Co., Ltd. cannot be held responsible for the performance

of the network and/or other manufacturers' products used on the network.

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

Panasonic

Panasonic Corporation

Panasonic i-PRO Sensing Solutions Co., Ltd.

https://ipro.panasonic.com https://security.panasonic.com https://www.linkedin.com/company/i-pro-sensing-solutions-co-ltd/ (24-283AA)

AI Vehicle Detection

Extract vehicle characteristics and classify them into meaningful categories such as type and color.

Al Non mask Detection

Deep-learning and proprietary image processing technologies recognize mask and detect people who are not wearing them.

AI Occupancy Detection

Detecting the congestion via network camera with AI engine enables that information to be used direct visitors in advance or help store staff work more efficiently.