

**Preliminary**

## New S-series wide lineup high resolution network camera with AI engine

# 5MP Vandal Resistant Indoor Dome Network Camera

The 5MP/6MP/4K varifocal lens model, a high-resolution network camera will be added to the lineup of the well-established new S series.

Equipped with an AI processor, it can run up to three AI analytics applications (AI apps) simultaneously, which significantly improve the detection rate of people and vehicles and can be used in a wide range of surveillance scenes.

It realizes high-quality and clearer images even in low-light and wide-range shooting scenes. With the released of total 34 models, including fixed focus, black body, smoke dome, and derivative models such as heavy salt damage resistant models, to support a wide variety of security monitoring applications.

### 3 AI Apps operation at same time

- Up to 3 AI apps can be operated at the same time from the wide variety.

Using AI processor which identifies object as people or vehicle, it will reduce false alarm compared to conventional model.

As result, it can be used many industries.

### High image quality / High compression

- Our original smart coding technology compatible with H.264 and H.265 delivers high-resolution video at high image quality and low bit rate. Achieved useful images by combining with highly visible images by the intelligent auto (iA) function.

### Easy setting and installation

- Easy Kitting Package enabling installers to configure cameras easily while keeping the unit in the box.

The grommet on the outdoor model can reduce the time and effort required for installation.

User-friendly GUI (setting while watching Live view, etc.) allows you to set comfortably.

iCT tool allows you to set multiple cameras, apps, and recorders all at once, reducing the camera setting time.

### High security

- Equipped with FIPS 140-2 level 3 certified hardware in addition to the digital certificate issued by a third party organization (Global Sign).

#### Key i-PRO Spec.

- 5MP
- Intelligent Auto (with AI Engine)
- Super Dynamic 132dB
- Color night vision (0.05 to 0.07 lx)
- Smart Coding (with AI Engine)
- Built-in IR LED
- Vandal Resistant
- ONVIF® Profile G / M / S / T

\*ONVIF is a trademark of ONVIF, Inc.

#### Industry examples

- Airport (Passport control / Security checkpoint / Ticket counter)
- Retail / Bank / Education / Hospital / Building





## AI Analytics applications

<https://i-pro.com/global/en/surveillance/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.

### AI Vehicle Detection

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

### AI 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.

3rd party applications are also available.





<https://i-pro.com/global/en/surveillance/i-pro-application-platform/application-list>

## Optional Accessories

### Mount Bracket / Other

combination	WALL		POLE	CORNER	HANGING	
	1	2	1	1	1	2
	Wall Mount Bracket <b>WV-QWL501-W</b> (i-PRO white) 	Wall Mount Bracket <b>WV-QWL500-W</b> (i-PRO white) 	Pole Mount Bracket <b>WV-QPL500-W</b> (i-PRO white) 	Corner Mount Bracket <b>WV-QCN500-W</b> (i-PRO white) 	Ceiling Mount Bracket <b>WV-QCL501-W</b> (i-PRO white) 	Ceiling Mount Bracket <b>WV-QCL100-W</b> *1 (i-PRO white) 
	Mount Bracket <b>WV-QSR501-W</b> (i-PRO white) 	Adapter Box <b>WV-QJB500-W</b> (i-PRO white)  *If needed.	Wall Mount Bracket <b>WV-QWL500-W</b> (i-PRO white) (+ <b>WV-QJB500-W</b> ) 	Wall Mount Bracket <b>WV-QWL500-W</b> (i-PRO white) (+ <b>WV-QJB500-W</b> ) 	Mount Bracket <b>WV-QSR501-W</b> (i-PRO white) 	3rd parties pipe

\*1: It's possible to be used on the camera side and ceiling side. If used on both side, 2pieces are required.

combination	CEILING		OTHER
	1	2	1
	Ceiling Mount Bracket (Embedded) <b>WV-QEM100-W</b> (i-PRO white) 	Ceiling Mount Bracket <b>WV-Q105A</b> 	Attachment pipe (For 3rd party bracket) <b>WV-QAT500-W</b> (i-PRO white) 
			Mount Bracket <b>WV-QSR501-W</b> (i-PRO white) 
			3rd parties pipe

### Dome Cover

Dome Cover (Smoke type)  
**WV-CR1S**



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### Important

- Safety Precautions : Carefully read the Basic Information, Installation Guide and Operating Instructions before using this product.
- i-PRO 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.