

FOR IMMEDIATE RELEASE

i-PRO to Launch New 360-Degree Fisheye Network Camera With Heater for Winter And Cold Regions

Fukuoka, JAPAN (December 4th, 2020) – Panasonic i-PRO Sensing Solutions, formerly Panasonic Security Group, is announcing a launch of industry's first¹ 360-degree fisheye network camera with a transparent heater for use in winter and cold regions².

In cold regions, rain or snow in winter may freeze water drops on the camera surface, causing problems with video surveillance. In particular, 360-degree fisheye network cameras use a fixed lens to monitor a wide angle of view, so even if the freezing range is small, the effect on the shooting range is quite serious.

The newly launching 360-degree fisheye network camera is equipped with a transparent heater, which prevents ice coating by heating the dome cover uniformly, enabling stable monitoring even in snowy areas. It can be used not only for monitoring outdoor in winter and cold regions, but also for monitoring in refrigerated warehouses.

In addition, this new network camera supports 4K resolution. There are major 2 benefits of 4K resolution: when compared to full HD or HD resolution, a larger area can be captured if the image is of the same detail (resolution). Also, when the shooting range (angle of view) is the same, higher definition shooting can be performed.

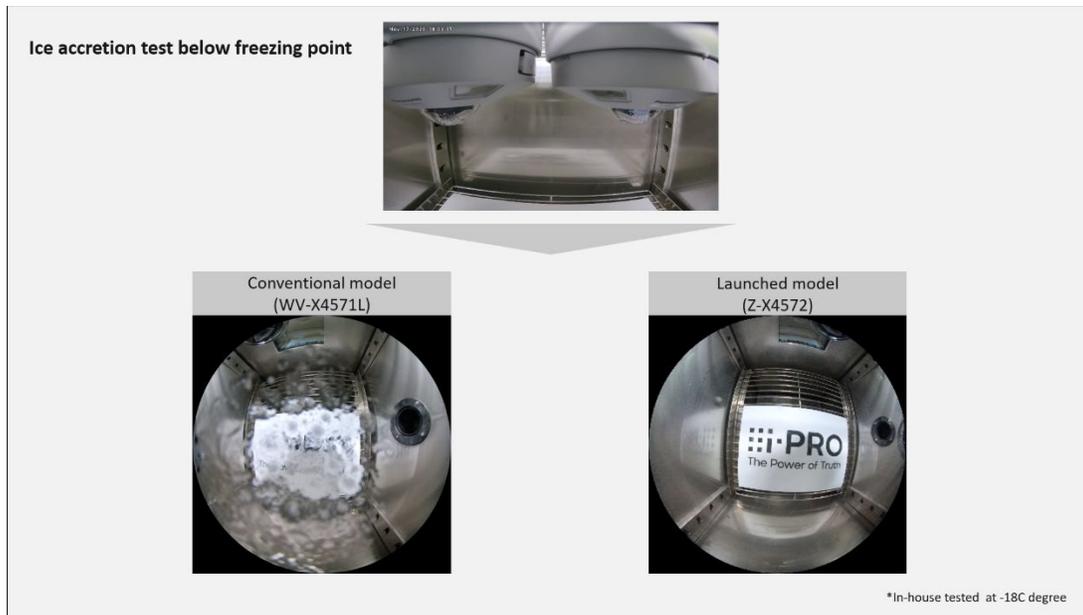
We i-PRO will continue our search for better products and continue to contribute to the realization of a society in which people can enjoy themselves with smiles through security and safety initiatives.

¹ Based on the research conducted by i-PRO

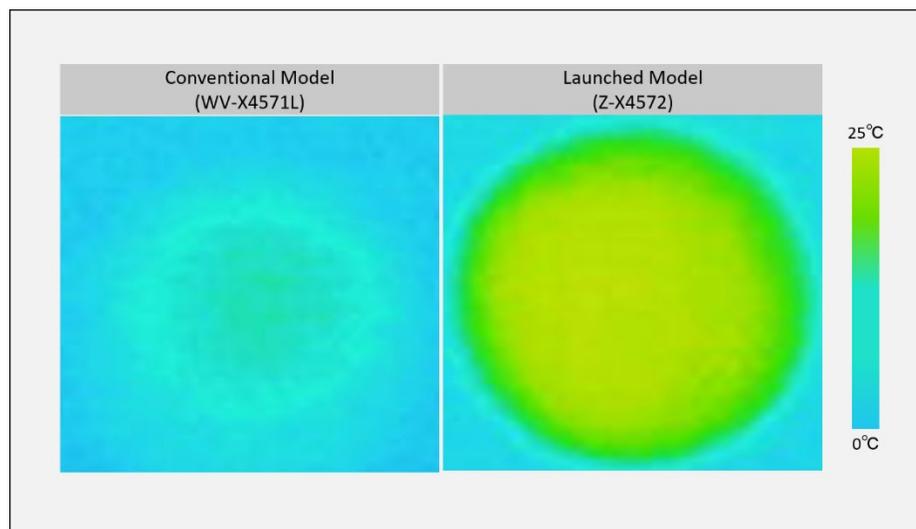
² As of December 4th, only available in North America, Europe and Oceania.

■ Key Features

1. Equipped with a transparent heater to prevent freezing of a camera surface during use in winter and cold regions, enabling tough monitoring even in low temperature environments.
 - Prevents freezing of a dome cover by operating a heater according to an outside air temperature when it snows or a temperature drops.



- By using transparent heater, uniform heating of a camera surface is achieved, and all ice is melted from a center to an edge of lens.



2. Equipped with fisheye lens, it can shoot 360 ° panoramic images. Shoots natural images with little distortion from center to edge in 9-megapixel high resolution, smooth 30 frames-per-second video.
 - A single camera shoots 360-degree panoramic images. 9 Mega pixels, equivalent to 4K, delivers crisp and clear images not only at a center of lens, but also at edges to minimize distortion.
 - The image format can be selected from 360-degree fisheye, double panorama, panorama, and 4-image PTZ.

3. Enables high data compression, reduces network load, and increases recordable time.
 - With H.265 support and i-PRO's unique Smart Coding technology, data volume can be reduced while maintaining high resolution data, increasing recording time and reducing network load. By reducing the data capacity, it is possible to increase a recording time even with the HDD capacity of a same recorder, or to record at a higher resolution and frame rate than before.

■ Specification



Product Name	360-degree 4K Outdoor Network Camera With Defrosting Dome
Model Name	Z-X4572 (Available upon request)
Maximum resolution	9MP (2,996x2,996)
Minimum Illumination (Color)	0.3lx
Angular Field of view	Horizontal:183° Vertical: 183°



News Release

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About Panasonic i-PRO Sensing Solutions Co., Ltd.

Panasonic i-PRO Sensing Solutions Co., Ltd., is a global leader of advanced sensing technologies in the fields of Intelligent Surveillance, Public Safety, and Industrial/Medical Imaging. Established in 2019, i-PRO was built on a legacy of over 60 years of innovation with Panasonic.

The company's products, software and services extend human senses to capture moments of truth with innovations that inform and protect. In order to help create a safer world, Panasonic i-PRO Sensing Solutions Co., Ltd., supports the work of professionals who protect and save lives.

For more information about Panasonic i-PRO, visit ipro.panasonic.com