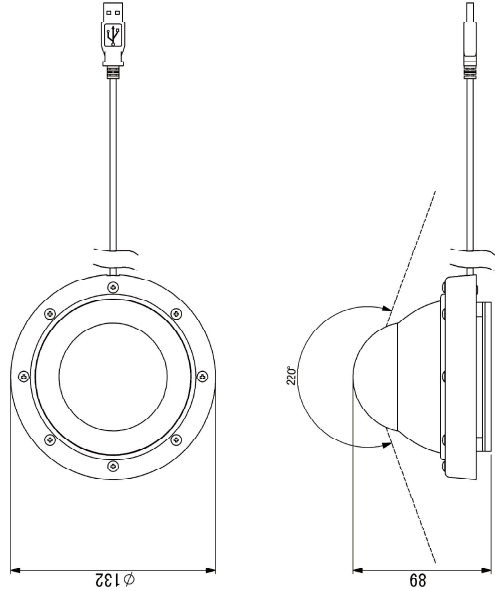


Appearance



IP66 IK10 Dome Housing
USB Cable (5m)

Size



Specification

CAMERA	
Imaging Sensor	1/2.3 inch color CMOS sensor, SONY IMX447
Effective Pixels (H x V)	4032(H) X 3040(V), approx. 12.3 Mega pixels
LENS	
Lens type	Mega pixel Fisheye lens (Stereographic projection method)
Focal Distance/Aperture	f=0.85 mm/less than F2.8 (F1.8 equivalent as 180° lens)
Viewing Angle	220° (w/Depression angle of 20°), 360°
Object Distance	10 mm ~infinity (from the lens surface)
Iris / Focus	Fixed
VIDEO	
Image Format	M-JPEG
Image Dewarping	Fisheye(hemisphere), 2x180° panorama, 360° panorama ePTZ by application software
FPS/resolution	10 fps: 4032x3040, 2016x1520, 1600x1200, 640x480
Image Enhancement	automatic WDR, white balance, exposure, brightness, contrast
Interface	USB2.0
Local Storage	None
GENERAL	
Input Voltage	USB 5.0 V ± 5 %, 300 mA
Dimensions	φ132 × 89 (H) mm
Weight	700 g (excluding Cable)
Operation Environment	-20 ℃~+50 ℃, 10~85%Rh (no condensation)
Storage Environment	-40 ℃~+60 ℃, 10~95%Rh (no condensation)
Operative OS	Microsoft® Windows® 8.1, 10, 11
Correspond Standard	IP66, IK10, JIS D 1601

◆ Specification is the subject of change without any notice.

Application

OS: Windows 8.1, Windows 10, Windows 11
Application software: PLCViewer, PLCPlayer

We have realized a camera that can shoot 360° all around high resolution images with one lens.

Product Features

- Equipping a high resolution fisheye lens with the depression angle of 20°, the camera takes ultra wide view of 220° + 360° shots. The road surface is in the shooting range.
- Implementing 12 Mega pixel color CMOS sensor and the lens provides clear movie and still images. Connecting the camera directly to a PC by a USB cable for monitoring and recording.
- Fisheye hemisphere images can be dewarped in 2x180° panorama, 360° panorama, and scrolled, zoom-in/out by a mouse operation.
- There is no mechanical parts for PTZ so that the camera durability is excellent.
- All weather proof. Water and dust proof IP66 and shock resistance IK10 dome housing.
- Easy installation on the roof top by a strong double adhesive tape or a magnet.

Manufactured and supplied by: **OPT Corporation**
5423-2 Miyagawa, Chino-shi, Nagano-ken 391-0013 JAPAN
Phone: +81-266-82-0020 FAX: +81-266-82-0022
http://www.optnagano.co.jp
E-mail: opt_info2@optnagano.co.jp

Rev.6 @2025.8

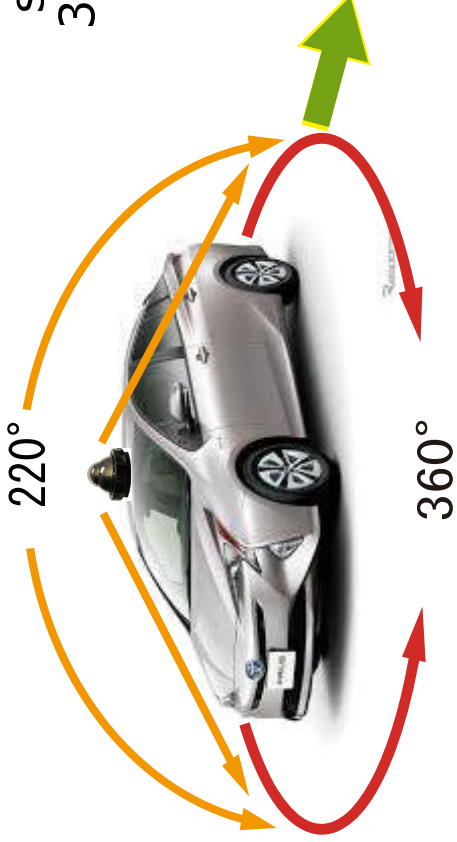
Rooftop type 360° Camera

Industry Highest Level

12 Mega Pixel

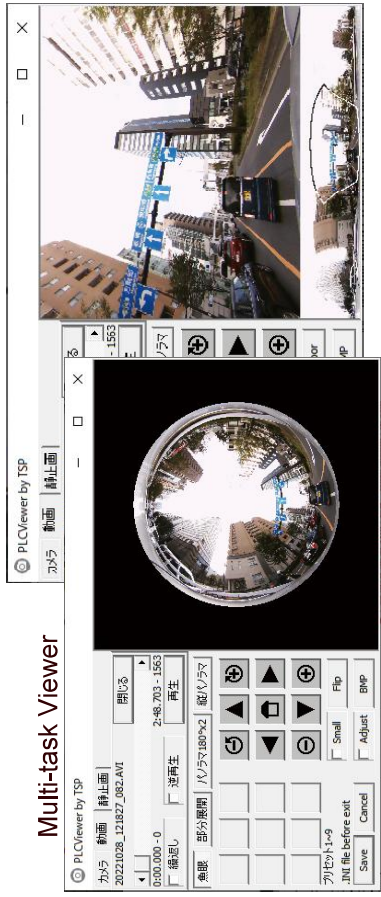
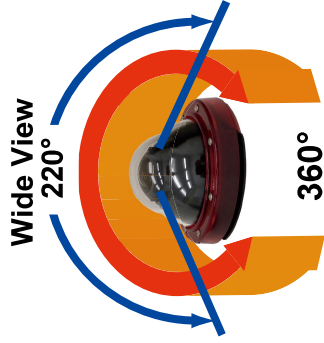
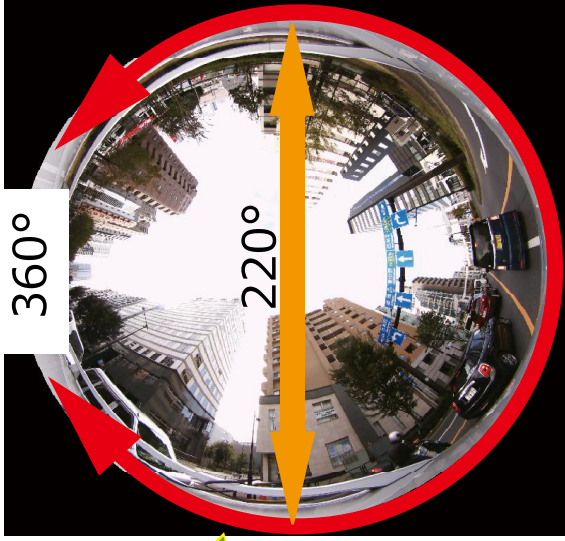
Model: PLC220-12M

12MP high resolution CMOS sensor and lens captures 360° all around clear view.



Shoot 360° all around the side

- ◆ Always shooting 360° view and, with a dedicated software, any location can be enlarged and dewarped to a plane.



Key Features

- All around view by one camera.
- Quick ePTZ by a simple operation.
- Connect with a PC by a USB cable to monitor and record 360° view.

- 12 Mega pixel high resolution CMOS sensor
- Mega pixel high resolution glass lens
- Fisheye lens with 20° depression angle
- Ultra wide view of 220°
- USB digital output (low power consumption)
- Easy installation and operation
- φ13 cm water-proof (IP66) and shock resistance (IK10) dome housing
- no moving mechanism = high durability
- Optional video mapping software

Mounting method :

Easy with Double adhesive tape or a magnet (option)