

# Panasonic Visio Shape User Guide

Explain how to use the Shapes of Panasonic Network camera  
for Microsoft Visio standard 2016

Ver.2.1

Dec.2016

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## 1. File of shape

Panasonic Visio shape file contains below 3 files.

>Panasonic NW camera Shapes (Metric).vss (Ver.2.1 or later)

Shape for Panasonic Network Cameras

>Panasonic\_NWcamera\_VISIO\_manual.pdf

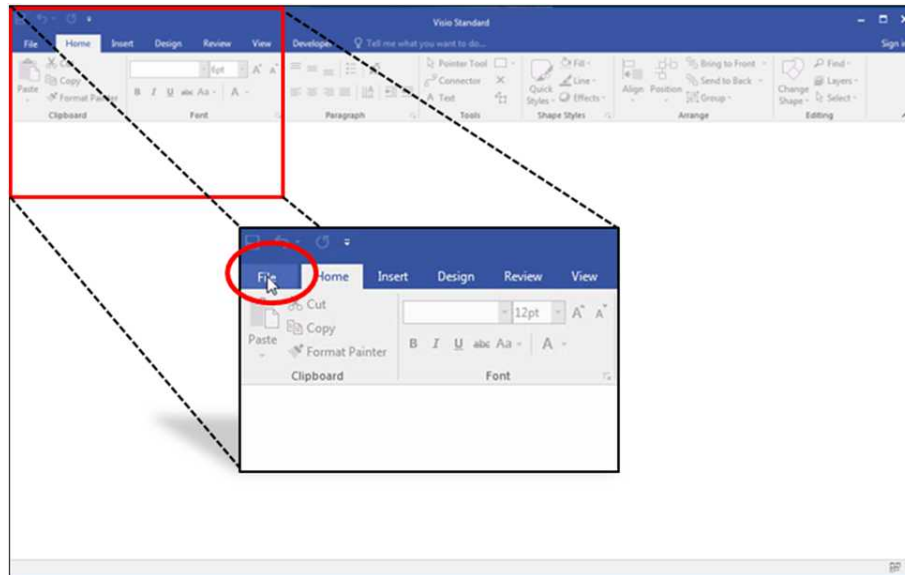
How to use the Shapes of Panasonic NWcamera User guide

>Panasonic\_Shape\_Supported\_Products.pdf

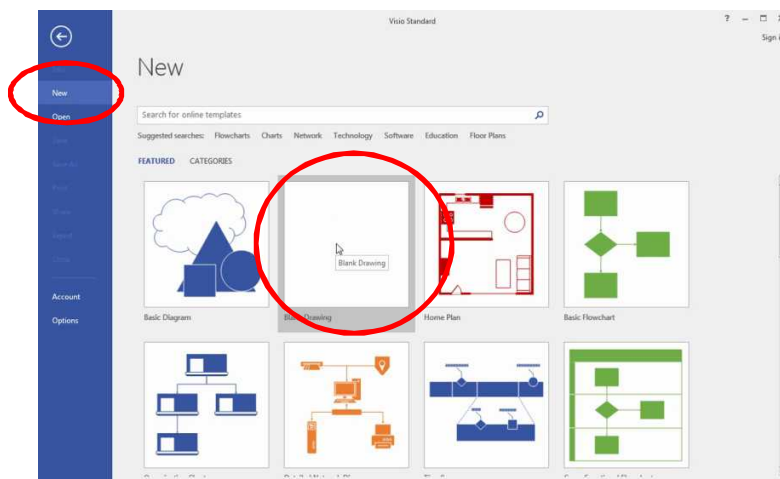
Reference of Visio shape supported Cameras

## 2. Setting Visio (in Microsoft office Visio standard 2016)

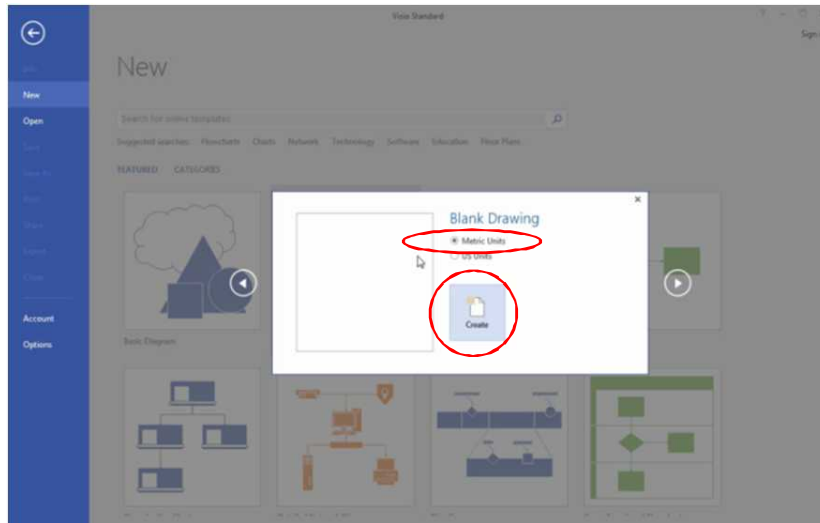
- 1) Execute [Microsoft Visio].
- 2) Select [File] tab.



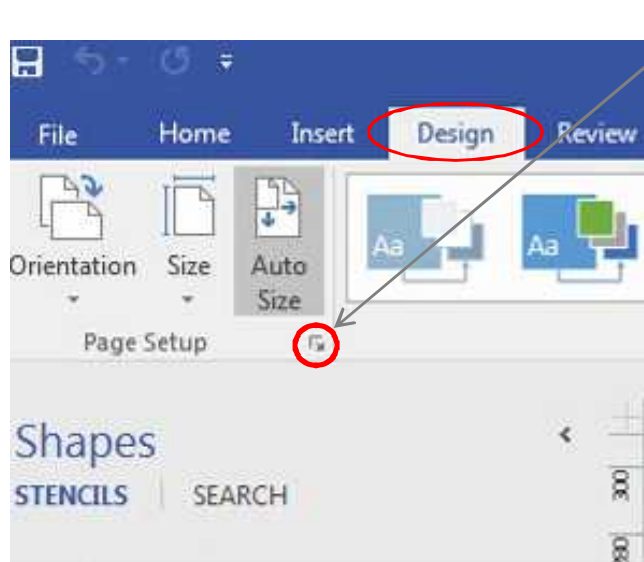
- 3) Select the [New] and create a new drawing by [Blank Drawing].



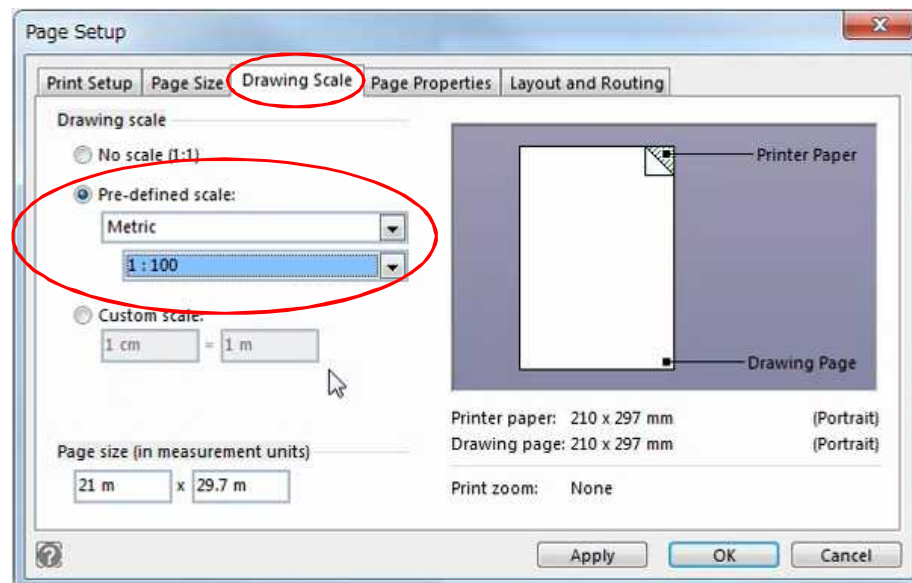
4) Checking the [Metric Units] and press the [Create] button.



5) For setting the drawing scale, select the [Design] tab and open the [Page Setup] dialog.

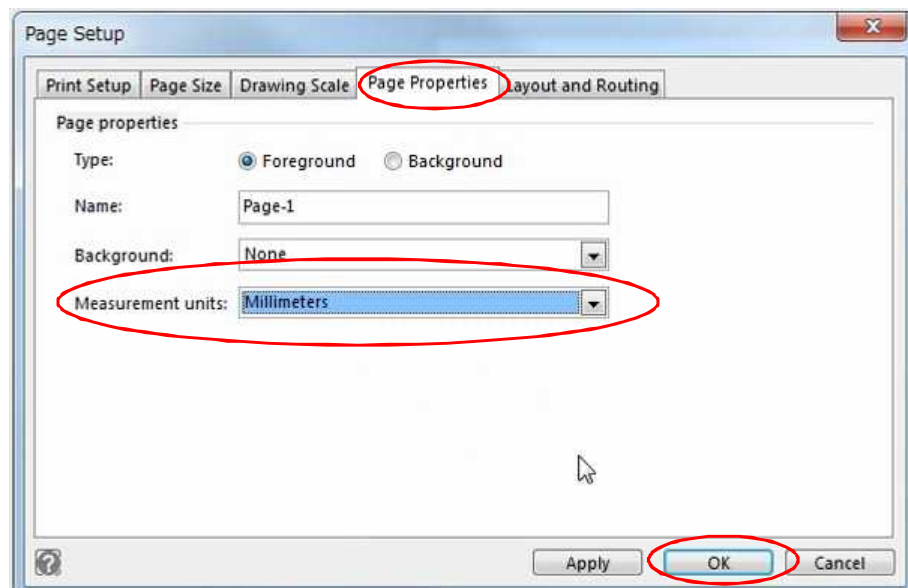


6) Select the [Drawing Scale] tab and set (1:100) in [Pre-defined scale].



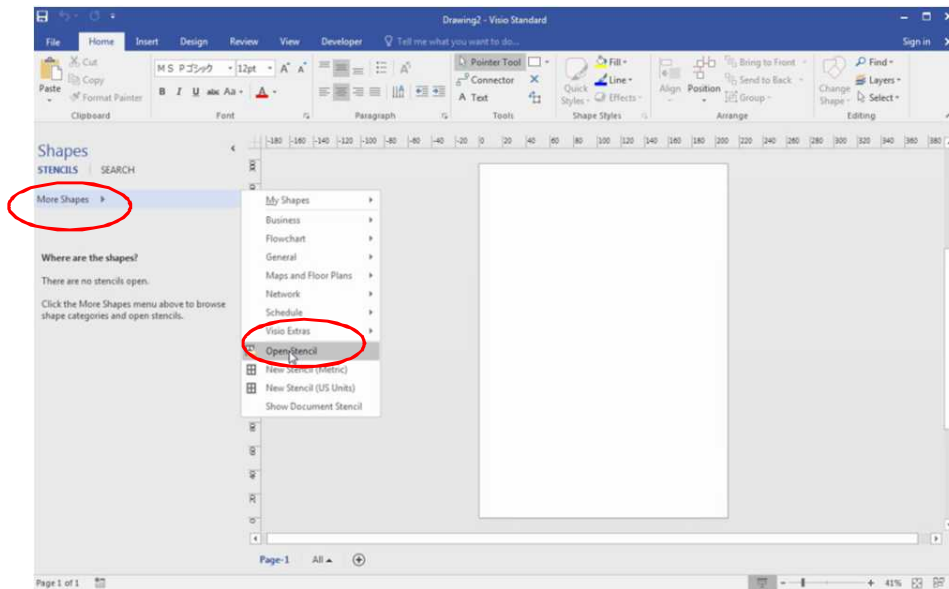
7) Select the [Page Properties] tab and set (Millimeters) in [Measurement units].

And press the [OK] button at the end.

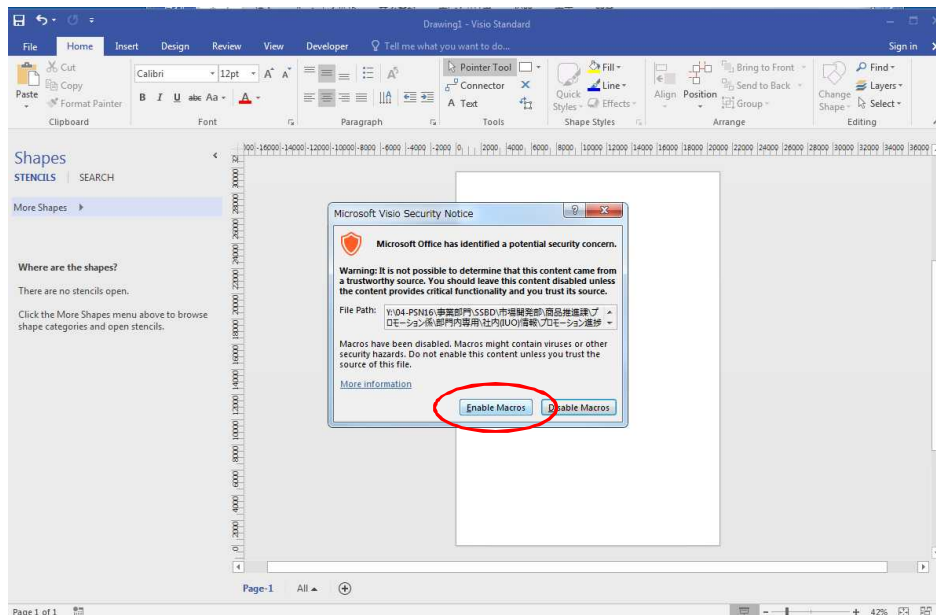


### 3. Using shape

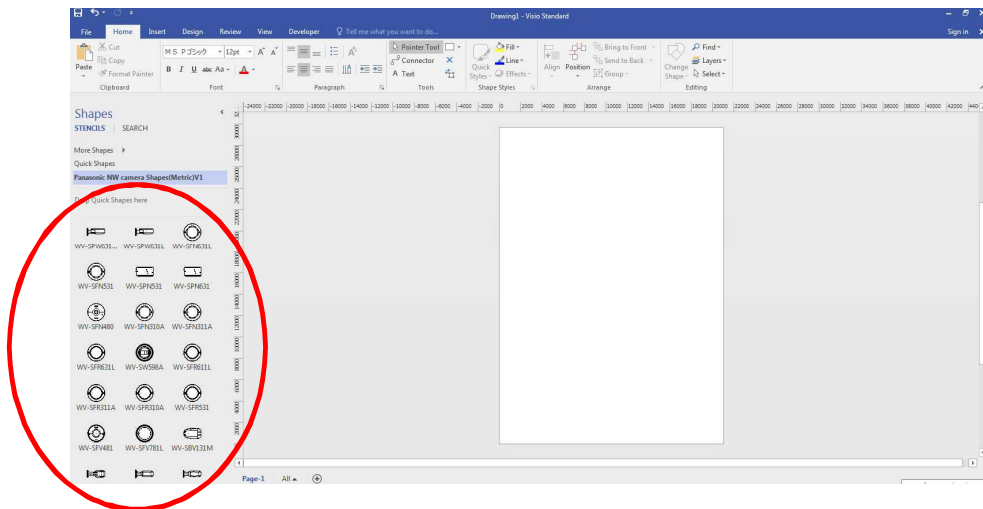
- 1) Press the [More Shapes] and select the [Open Stencil] on pulldown menu screen. Show the window of [Open Stencil], and open the [Stencil file:Panasonic NW camera Shapes(Metric).vss].



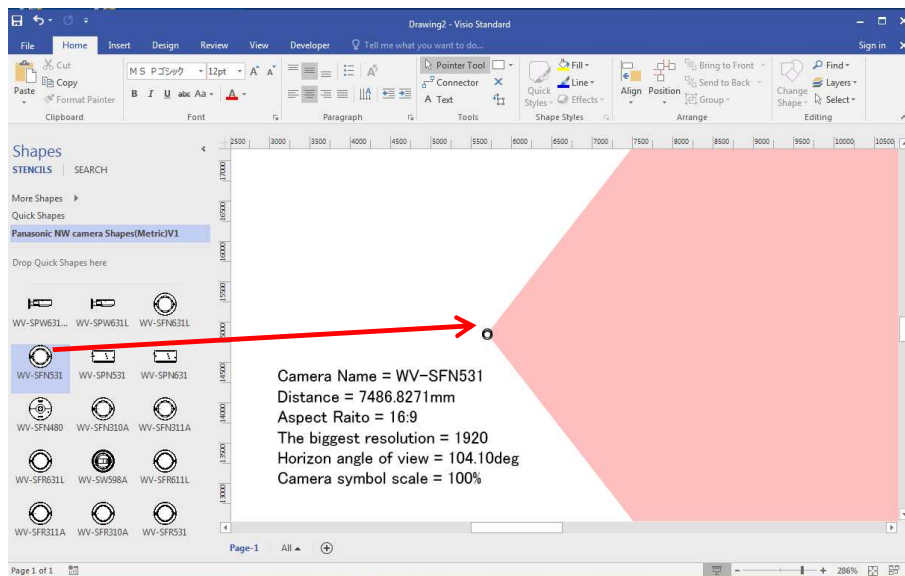
- 2) Displayed Microsoft Visio Security Notice. Select [Enable Macros]



3) Shape group is shown on the left of the main screen



4) Drag a shape from [Shapes], and drop it onto [Page].





## 4. Setting and Information of Shape

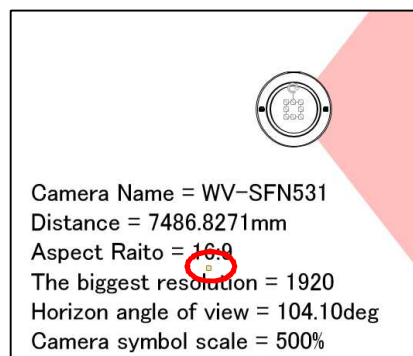
It displays text and other information of each shape on [Page].

>Text Information

Display detail information of shape on [Page].

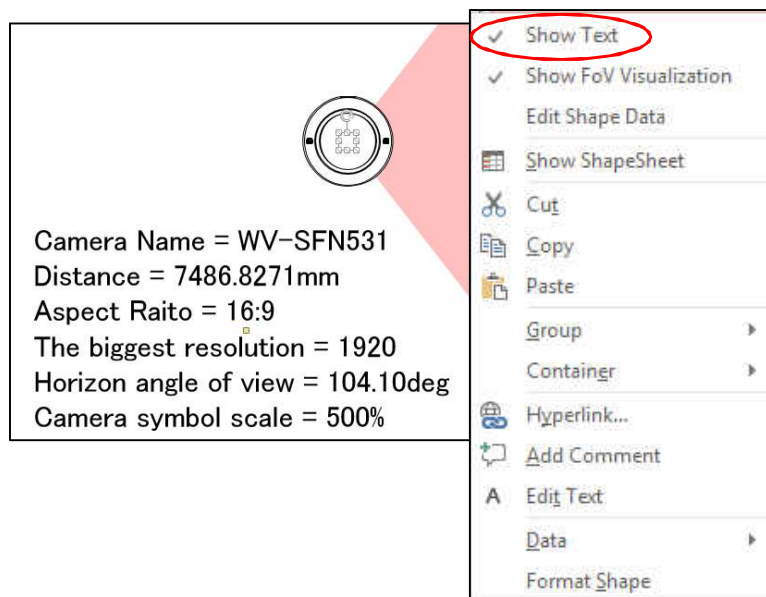
- Moving text information

When you select the shape, there is a yellow handle for rearrangement of text information. You can drag a yellow handle to move the position of text information



- Hiding/Showing Text information

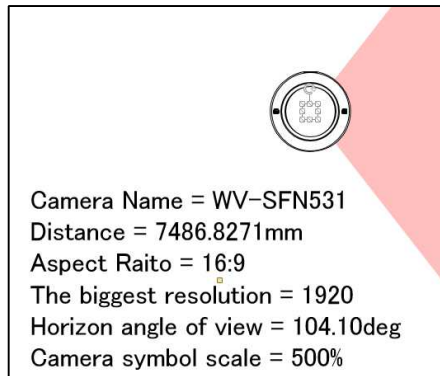
Click the mouse right button, checking [Show Text] item makes showing text and unchecking makes hiding text.



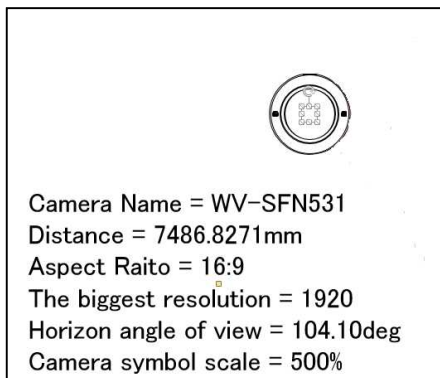
>FoV Area

Camera shape which is on [Page] has a FoV [Field of View] area as red color. The Fov area depends on lens and camera settings, so you can estimate the FoV area with this feature.

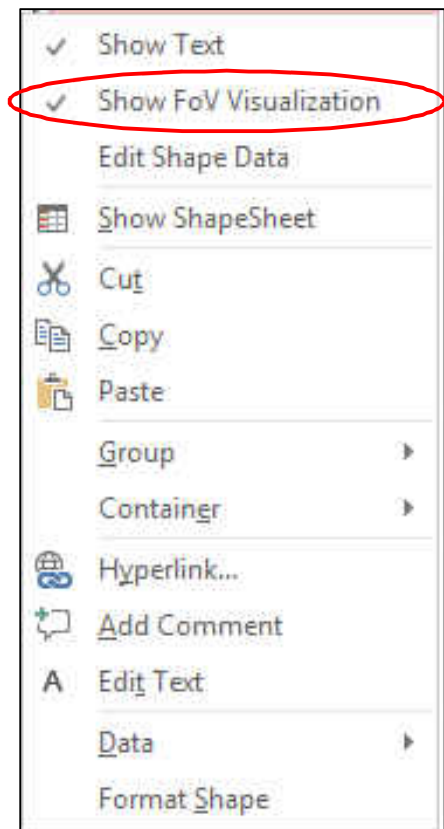
- Hiding/Showing FoV area  
Click the mouse right button, checking [Show Fov Visualization] item makes showing FoV area and unchecking makes hiding FoV.



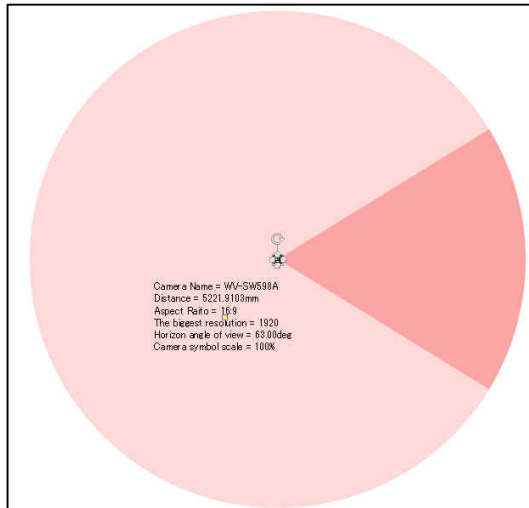
Showing Fov



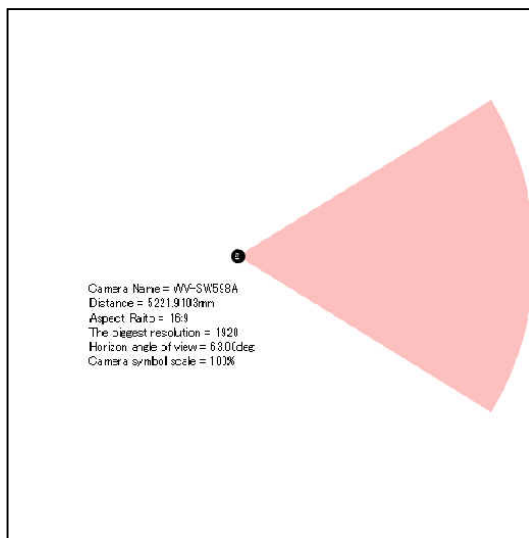
Hiding Fov



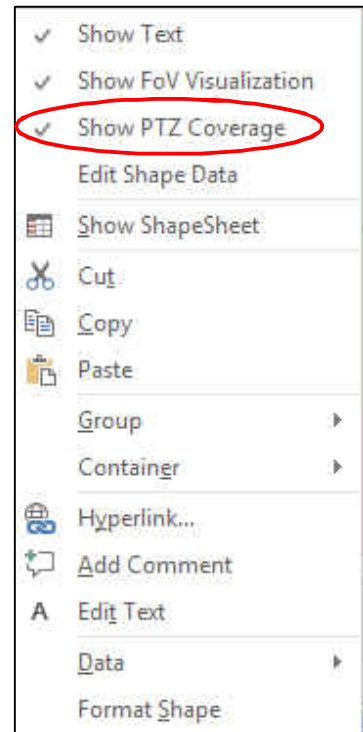
- Hiding/Showing PTZ coverage area  
In PTZ camera shape, Click the mouse right button, checking [Show PTZ Coverage] item makes showing PTZ coverage area and unchecking makes hiding PTZ coverage area.



Showing PTZ Coverage area



Hiding PTZ Coverage area



- Setting Shape Data

You can adjust the data of shape. The text information and FoV area of shape is applied as modified shape data.

Click the mouse right button and select [Edit Shape data] item, it shows a [Shape Data] dialog. Edit the each option and click [OK] button.

Changeable Shape data list:

>Camera aspect ratio: You can choose camera aspect ratio 16:9 or 4:3 .

>Lens focal length: In Indoor Box camera ,you can set the lens focal length[mm] .

>Horizontal angle of view: You can check angle of view in the Horizontal angle.

>Installed height : In 360-degree camera ,you can set installed height .

>Camera symbol scale: You can change camera symbol scale in drawing area.

>Color : You can change FoV area's color (red, blue, green, orange)

>Purpose of use: When you choose to use purpose, you can check the angle of view.

The following shows the purpose of use list.

: Human: Recognize someone- approx.100ppm/30ppf

: Human: Recognize only known person- approx.150ppm/50ppf

: Human: Recognize- approx.300ppm/100ppf

: Human: Identify an individual face by system- approx.630ppm/210ppf

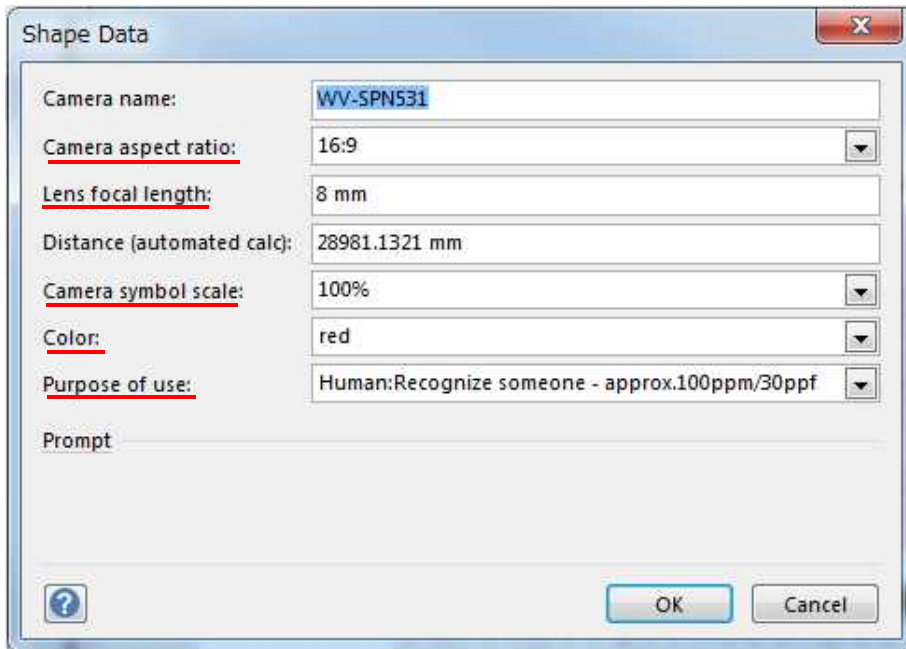
: Number plate: Recognize by eye- approx.150ppm/50ppf

: ANPR/LPR- approx.240ppm/80ppf

: Bill: Recognize by eye- approx.400ppm/130ppf

The following shows the each cameratype of shape data dialog.(Red under lines)

: Indoor Box Camera

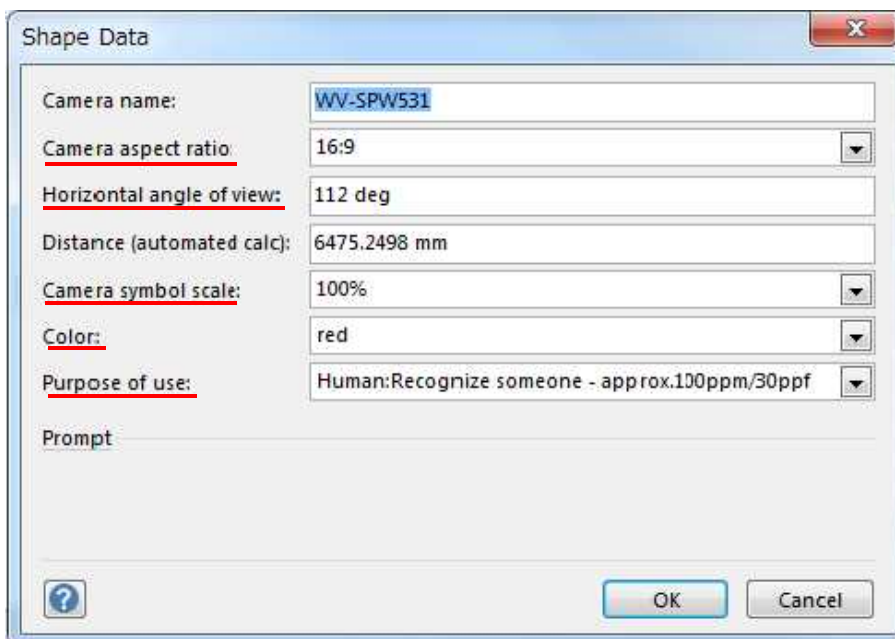


Shape Data dialog box for Indoor Box Camera. The dialog contains the following fields:

Camera name:	WV-SPN531
<u>Camera aspect ratio:</u>	16:9
<u>Lens focal length:</u>	8 mm
Distance (automated calc):	28981.1321 mm
<u>Camera symbol scale:</u>	100%
<u>Color:</u>	red
<u>Purpose of use:</u>	Human:Recognize someone - approx.100ppm/30ppf
Prompt	

Buttons: ? (Help), OK, Cancel

: Outdoor Box Camera

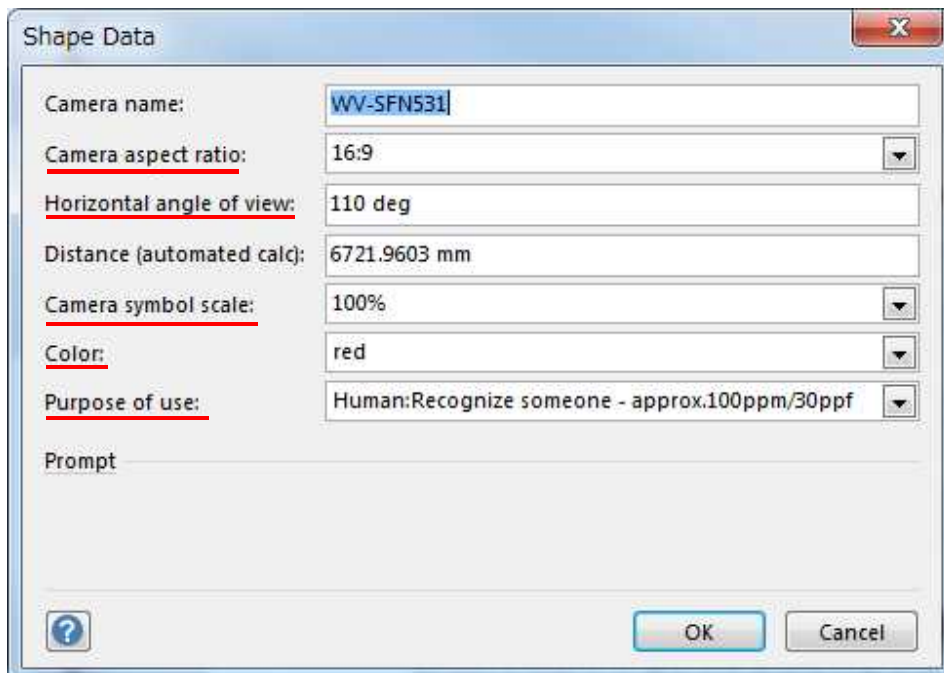


Shape Data dialog box for Outdoor Box Camera. The dialog contains the following fields:

Camera name:	WV-SPW531
<u>Camera aspect ratio:</u>	16:9
<u>Horizontal angle of view:</u>	112 deg
Distance (automated calc):	6475.2498 mm
<u>Camera symbol scale:</u>	100%
<u>Color:</u>	red
<u>Purpose of use:</u>	Human:Recognize someone - approx.100ppm/30ppf
Prompt	

Buttons: ? (Help), OK, Cancel

: Dome Camera

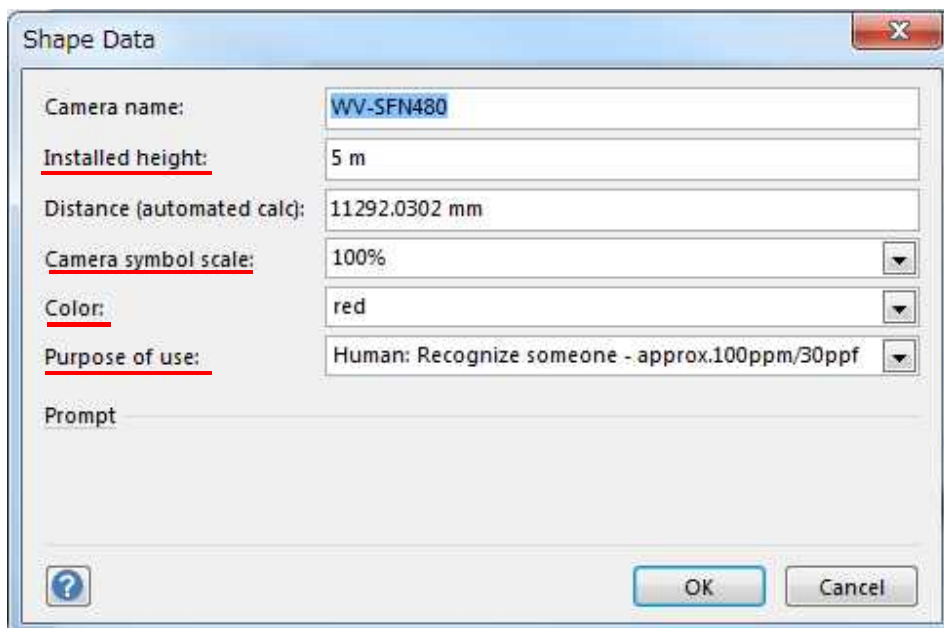


Shape Data

Camera name:	WV-SFN531
<u>Camera aspect ratio:</u>	16:9
<u>Horizontal angle of view:</u>	110 deg
Distance (automated calc):	6721.9603 mm
<u>Camera symbol scale:</u>	100%
<u>Color:</u>	red
<u>Purpose of use:</u>	Human:Recognize someone - approx.100ppm/30ppf
Prompt	

OK Cancel

: 360-degree camera

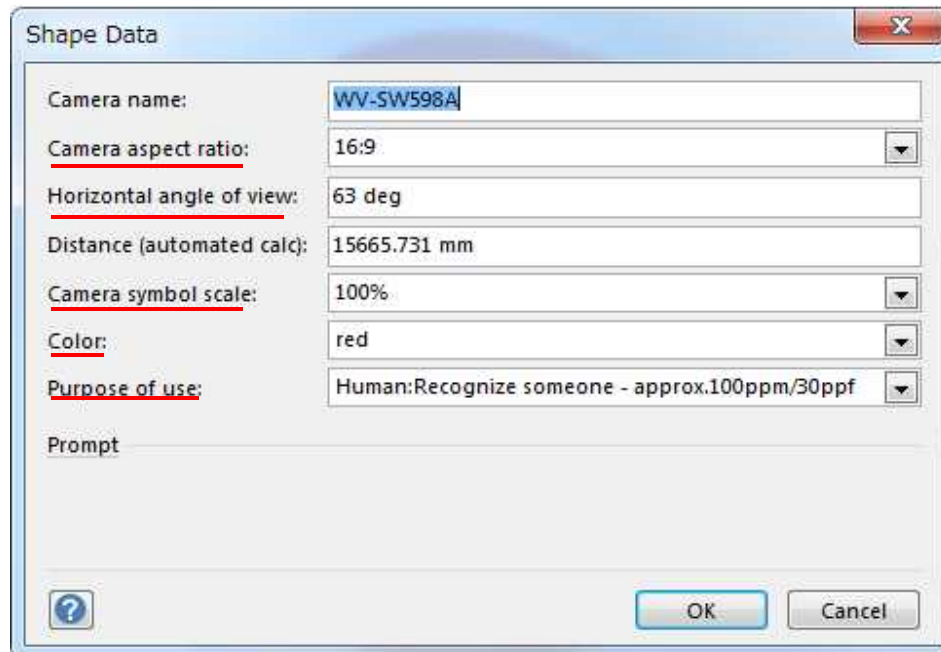


Shape Data

Camera name:	WV-SFN480
<u>Installed height:</u>	5 m
Distance (automated calc):	11292.0302 mm
<u>Camera symbol scale:</u>	100%
<u>Color:</u>	red
<u>Purpose of use:</u>	Human: Recognize someone - approx.100ppm/30ppf
Prompt	

OK Cancel

: PTZ camera



The image shows a 'Shape Data' dialog box with the following fields and values:

Property	Value
Camera name:	WV-SW598A
Camera aspect ratio:	16:9
Horizontal angle of view:	63 deg
Distance (automated calc):	15665.731 mm
Camera symbol scale:	100%
Color:	red
Purpose of use:	Human:Recognize someone - approx.100ppm/30ppf
Prompt	

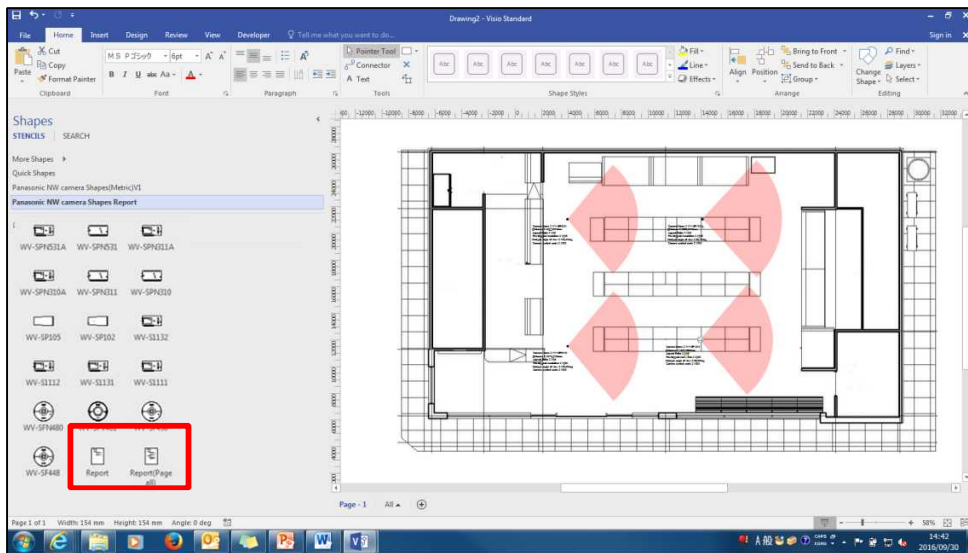
At the bottom of the dialog box, there is a help icon (question mark in a circle) on the left, and 'OK' and 'Cancel' buttons on the right.

## 5. Report function

The model name and number of cameras that have been placed in the drawing page of Visio, and can be output to the report.

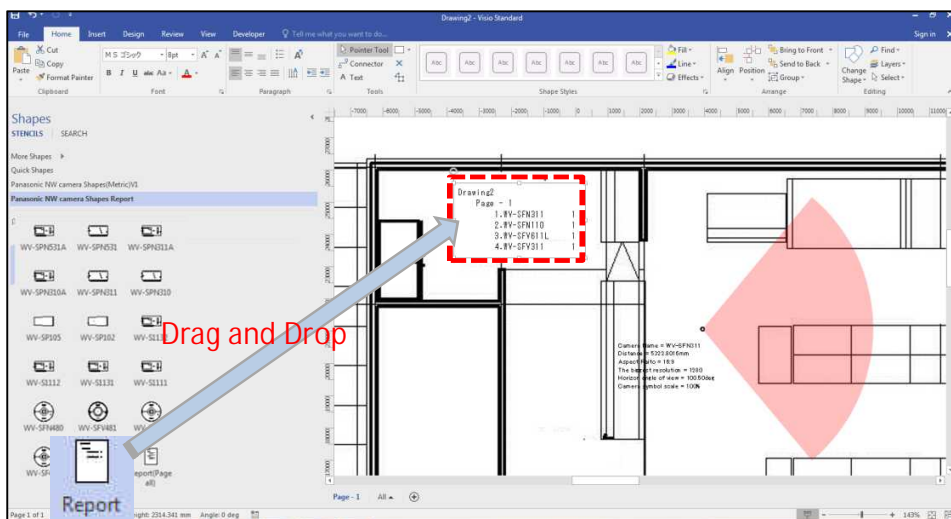
### 5.1 Basic operation

- 1) Report shapes are located at the bottom of the shapes display.



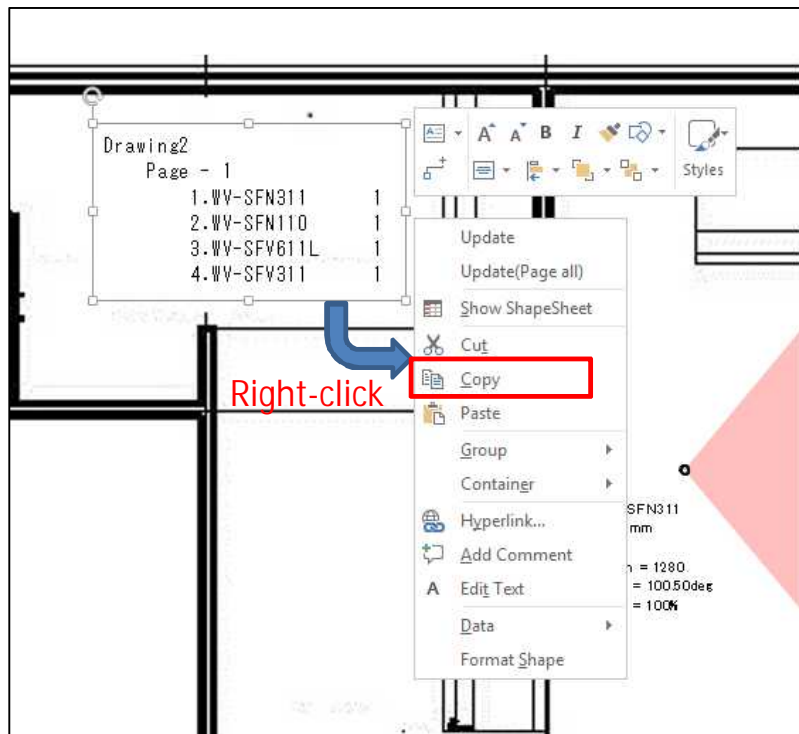
- 2) Drag and drop the Report shape onto the drawing page.

The report is displayed. (The model name and number of cameras)



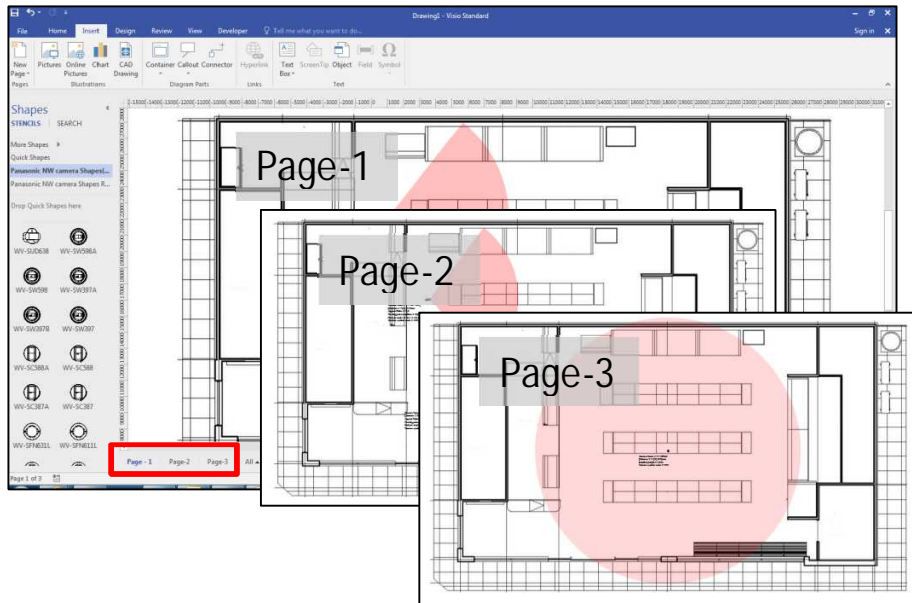


3) It can be used in Word and Excel by copying the report results



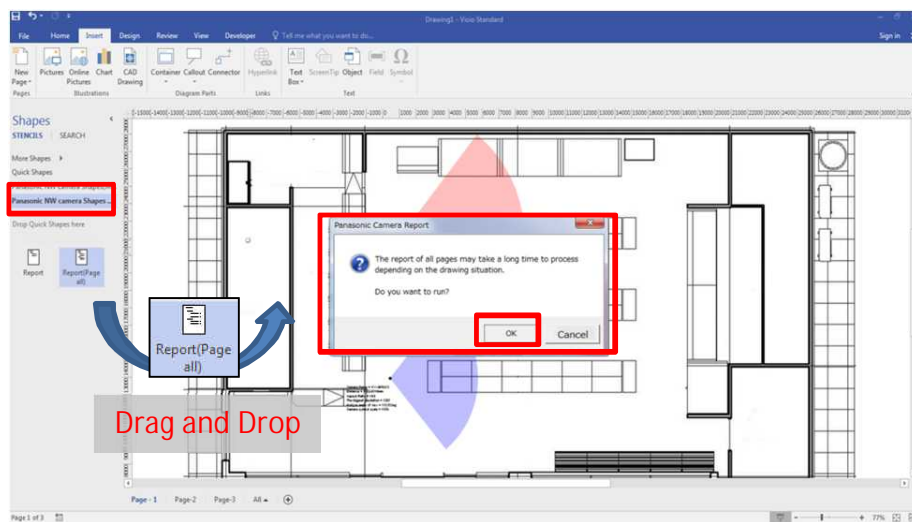
## 5.2 Multi-page together report

- 1) To make a drawing on each page.



- 2) Select Panasonic NW camera Shapes Report menu.

- Drag and drop the "Report(Page all)" shape onto the drawing page.
- Displayed popup window.
- If you are OK, Select [OK] button.

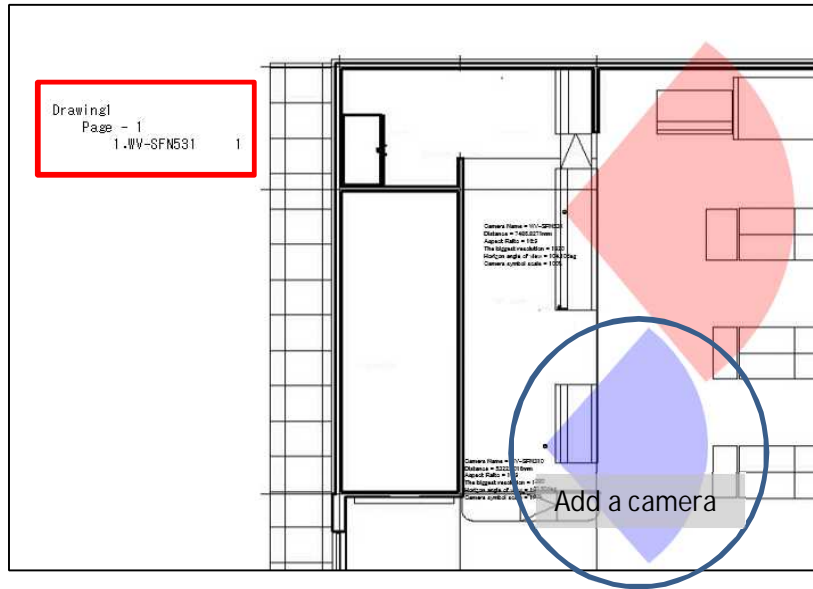


3) The report is displayed. (The model name and number of cameras in each page.)

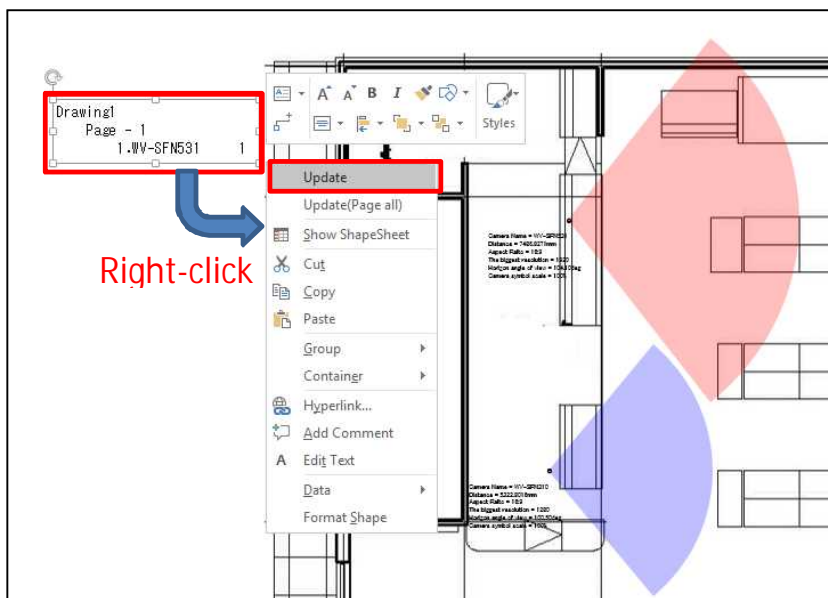


### 5.3 Update Report

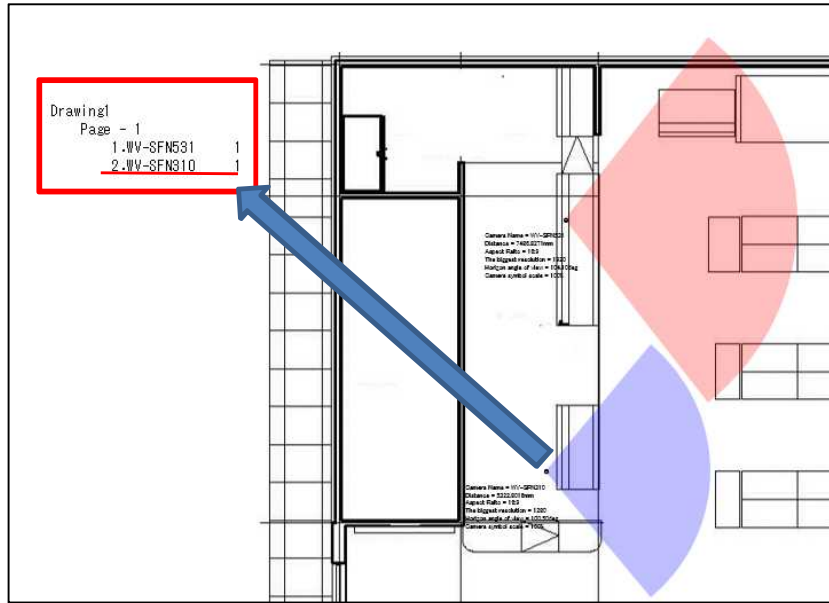
- 1) If you add a camera(blue) in the report display state.



- 2) [Enable Report(Left-click)] - [Right-click]  
- [select Update]or [select Update(Page all)]



3) Update report is displayed.



6. Revision history

Doc Ver.	Date	Changes
1.0	Sep.2016	First release
2.0	Oct.2016	Add Report function
2.1	Dec.2016	Add display "ppf" on purpose of use