



360 Degree 3 Megapixel Network Camera



New

NM33D-F-IP NM33D-M-IP

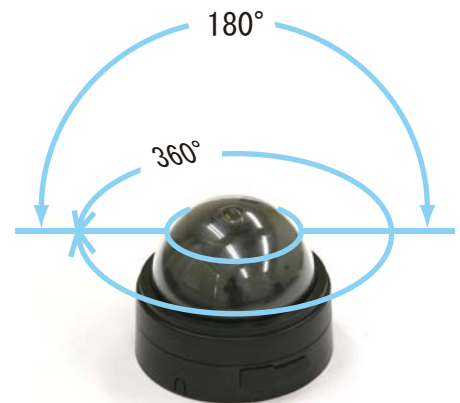
3 Megapixel

Network Camera with Ultra Wide Viewing Angle of 180° and 214°

Key Features

- ◆ 3 Megapixel color CMOS sensor
- ◆ Small fish-eye-lens implemented
 - taking 360 degree omnidirectional image
 - No blind spot
 - focus adjustment is not required
- ◆ Ultra Wide Viewing angle with 2 models to choose from 180° and 214°
 - taking all around view enables to reduce the number of cameras
- ◆ Image dewarping software is pre-installed
 - camera outputs the image after dewarping.
- ◆ Digital auto panning feature
- ◆ PoE
- ◆ Digital PTZ
 - No moving mechanism gives quick response and a long durability
- ◆ Network connectivity

This camera has no blind spots



NM33D-F-IP

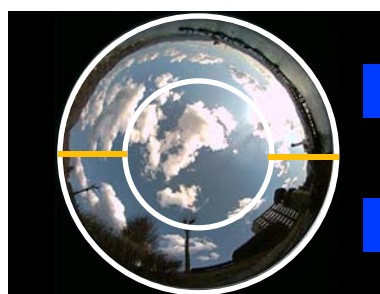


NM33D-M-IP

An example to expand the designated area



Sub-image can be ON/OFF



All around view from the fish-eye-lens ... dewarped into two 180° panoramic images.

Specification

Item	Specification
Model	NM33D-F/M-IP
Image Sensor	single-panel 1/2" CMOS, 3 megapixel
Frame Rate	15 fps (max.)
Image Compression	JPEG
Image Dimension	QVGA, VGA, LARGE (1,536 x 1,536)
Interface	10Base-T, 100Base-TX, RJ45 connector
Server System Service	HTTP, TCP/IP, UDP
Number of Client Access	5 users (client) Max.
Power	5 VDC or PoE (IEEE802.3af)
Current Consumption	2 A Max. (5 VDC)
Weight	approx. 440 g (NM33D-F-IP)
Dimensions	φ122.6 x 94.7(H) mm (excluding cable)

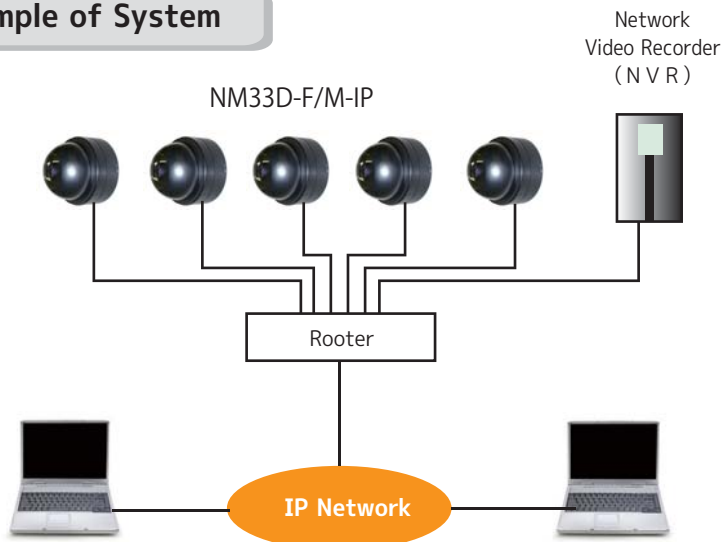
* Specification is the subject to change without notice.

Applications

Store monitoring
 Factory surveillance
 TV Conference
 Entrance monitoring
 Remote monitoring

Reduces the number of cameras, monitors, and overall system integration labor costs.

Example of System

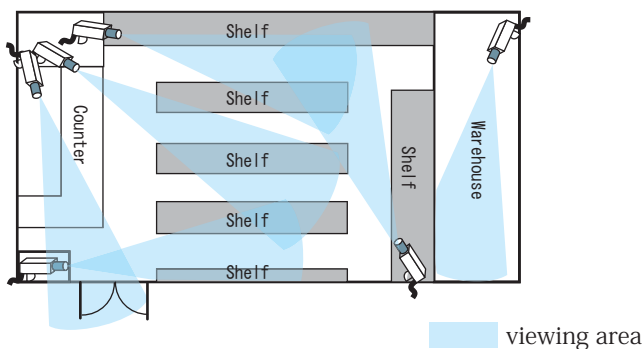


- ◆ A PC on the network can control the camera to output not only the hemisphere image from the fish-eye lens but also the partial expanded, 180 degree panoramic, 4 quarter patterns and etc. as well.
- ◆ While recording the whole non-distorted image into NVR, PTZ is available on the monitor.

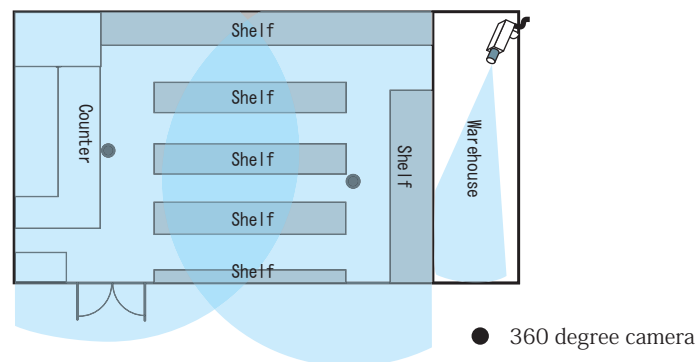
Image of applying 360 Degree Cameras

(assuming a small size store (15 x 8 m))

【 using conventional surveillance cameras 】



【 using 360 Degree Cameras 】



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