

# 360° Mega pixel camera Module

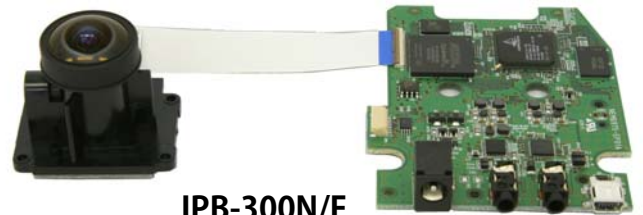
This camera has no blind spot

**3 Mega pixel**

Image de-warping software is installed

## Key features

- ◆ **3 Mega Pixel** color CMOS Sensor
- ◆ Small size Fish-eye lens
  - Get Omnidirection image ~ No blind spot!
  - Focus adjustment is not required.
- ◆ Ultra Wide angle : 2 models of 180° & **214°** possible to reduce the number of cameras
- ◆ **Image de-warping software** is in the camera ~ output the image after de-warped
- ◆ Digital auto-panning feature
- ◆ Digital PTZ
  - No moving parts = quick response, high durability
- ◆ Dual out put of Analog/Digital signals
- ◆ Because of **small size Module**,
  - Easy to install into various shape of housing
  - Good for fitting in a narrow space



**IPB-300N/F**  
Board camera type



**NM33-N/F**  
Cubic type

Small body of  
30 x 39 x 27mm  
Easy for handling



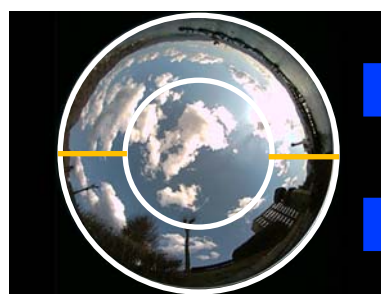
**NM33-M**  
Cubic type

Ultra wide angle  
of 214 degree  
Get below zero image

Example: to de-warp and enlarge a designated area



Sub-image can be ON/OFF



Extract the fish-eye round image ... into 180 degree each Panoramic images

