

# H.265 4K Fisheye IP Rugged Camera

Star Light  
-IMX317

YUC-KU89F



## Feature

- Hardware or software dewarp display mode
- 4K2K (3840x2160) 30fps real time for exceptional detail
- Dewarping a Fisheye lens into a virtual PTZ and full panoramic view
- Visualize and control the view area in a fisheye or Panoramic image
- H.265 compression saves bandwidth up to 50%
- Outdoor application with IR LED up to 20M
- True WDR 120dB
- Excellent night vision performance with low noise
- ROI (Region of Interest) & smart stream function
- Remote motion storage to Google Drive and Dropbox
- Day/night profile adjustment
- IP66/IK10
- Mobile view support (push video)
- POE support
- ONVIF compliant



Original fisheye video

A dewarped image of same device



A panorama overview



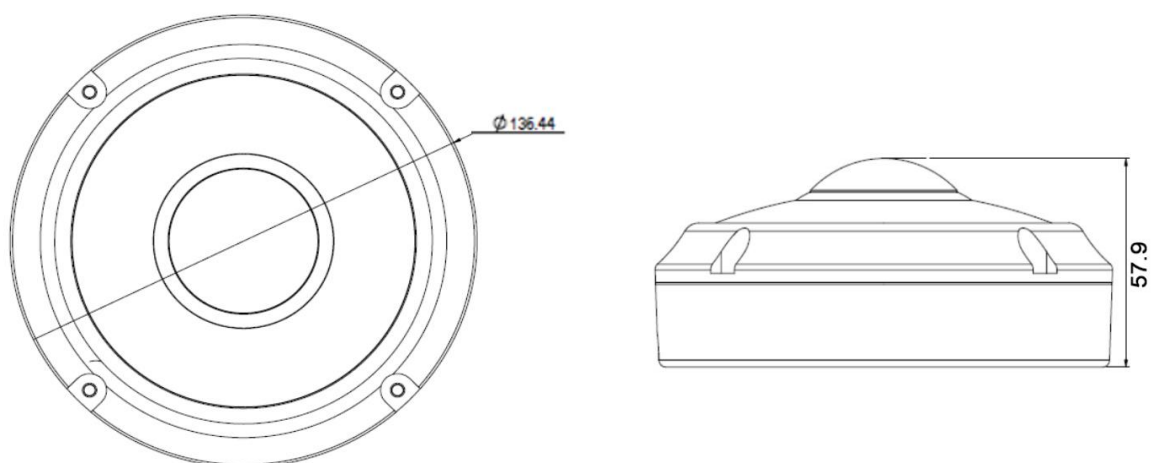
## Specification

### YUC-KU89F

|                |                   |                                                                                                                                                                                                         |
|----------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Server         | Compression       | H.265/ H.264/ MJPEG                                                                                                                                                                                     |
|                | Maximum Stream    | 4 simultaneous stream                                                                                                                                                                                   |
|                | Resolution        | 3840x2160@30fps, 3776x2160@30fps, 2592x1944@30fps, 2048x1536@30fps, 1920x1080@30fps, 1280x720@30fps, 640x480@30fps, 640x360@30fps                                                                       |
|                | Traffic Control   | 32K ~ 10Mbps                                                                                                                                                                                            |
|                | Max. Frame Rate   | (30fps)3840x2160                                                                                                                                                                                        |
|                | Safety            | Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based, authentication for network protection, QoS/DSCP, ICMP                                                  |
|                | Protocols         | IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour, ANR                                               |
|                | Number of User    | Max. 10 connections                                                                                                                                                                                     |
|                | Alerting          | SMTP / FTP / Samba / Micro SD / I/O / Google Drive / Dropbox                                                                                                                                            |
|                | Pre / Post Alarm  | Pre(0,1,2,3,4,5) / Post(0,1,2,3,4,5,10)seconds                                                                                                                                                          |
|                | Release for Alarm | Motion detection / I/O / Schedule / Tampering Detection / Sound Detection                                                                                                                               |
| Network Camera | Sensor            | 1/2.5" Megapixel CMOS sensor                                                                                                                                                                            |
|                | Optical Lens      | 1.08mm / F2.0                                                                                                                                                                                           |
|                | View Angle        | 360° Fisheye and Panaramic Views                                                                                                                                                                        |
|                | T-WDR             | Yes, 120dB                                                                                                                                                                                              |
|                | AGC               | 8X ~ 128X                                                                                                                                                                                               |
|                | Shutter Time      | Outdoor / Indoor / 1/1, 1/30, 1/50, 1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/5000, 1/10000                                                                                                           |
|                | Min Illum         | 0.1 Lux (Color), 0.05 Lux (B/W)                                                                                                                                                                         |
|                | IR LED / Range    | 4pcs High Power / 20M                                                                                                                                                                                   |
|                | Day / Night       | Light sensor mode / Color mode(Day) / B/W mode(Night) / Times mode / Synchronize with DI input                                                                                                          |
|                | Dewarping Mode    | 1O / 1P1R / 2P / 1P2R / 1P3P / 1O3R                                                                                                                                                                     |
|                | Mount Type        | Wall / Ceiling / Table(Floor) mount                                                                                                                                                                     |
|                | Intelligent Video | E-PTZ / ROI / Smart stream / ANR / T-WDR / Tampering Detection / Motion Detection / Privacy Mask / 3D-De Noise Reduction / IR Optimizer / Anti-fog / IR Intensity / Sound Detection / Video Orientation |
| Audio          | Audio             | 2-way                                                                                                                                                                                                   |
|                | Audio Compression | G.711(64Kbps) / G.726(24Kbps) / G.726(32Kbps)                                                                                                                                                           |
|                | Adjust Volume     | Line in/out, web adjustable                                                                                                                                                                             |
|                | Audio In          | 3.5mm phone jack(Support 2-way)                                                                                                                                                                         |
|                | Audio Out         | 3.5mm phone jack(Support 2-way)                                                                                                                                                                         |
| Terminal       | Network Interface | Ethernet (10Base-T/100Base-Tx) / PoE                                                                                                                                                                    |
|                | Video Interface   | BNC, Video composit (NTSC/PAL)                                                                                                                                                                          |
|                | External Port     | DI / DO                                                                                                                                                                                                 |
|                | SD Card           | Micro SD Card (Recording trigger for schedule, Motion Detection, IP check, Network wire break down, DI)                                                                                                 |
| General        | Operation Voltage | DC 12V Max: 6.46W(IR ON)<br>PoE Max: 7.41W(IR ON)                                                                                                                                                       |
|                | Dimen./Weight     | 137mm(φ) x 58mm(H) / 650g                                                                                                                                                                               |
|                | Operation Temp.   | -20℃ ~ +60℃                                                                                                                                                                                             |
|                | Waterproof        | IP66                                                                                                                                                                                                    |
|                | Vandal Proof      | IK10                                                                                                                                                                                                    |

Certificate : CE , FCC , RoHS

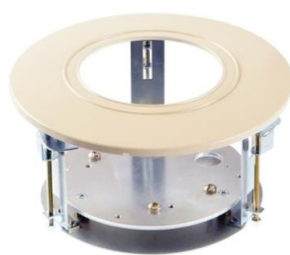
## Dimension



## Accessories (Option)



YUK-D07  
L-Type bracket



YUK-D11  
Hidden ceiling mount



YUK-D10  
Pole mount bracket