

**iCAM-760D**  
with outdoor 6" dome housing



**iCAM-760D**

Dual Lens Panoramic Dome Network Camera

**Features**

- 2 x 5 Megapixel Progressive CMOS Sensor
- Smooth 15 fps@High 7.3 Megapixels Resolution (3840x1920)
- H.264/MJPEG Dual Codec
- 1.05 mm non-linear Fisheye Lens + 6/8/12/16 mm Fixed-focal Lens
- Removable IR Cut, Day & Night Function for Both Sensors
- eWDR Image Enhancement for Extreme Lighting Condition (too Bright/Dark)
- Various Display Modes Selectable for Different Applications
- ePTZ, Auto Pan, Auto Patrol Function on Fisheye Lens
- Two-way Audio
- Built-in MicroSD/MicroSDHC/MicroSDXC Card Slot for On Board Storage
- Weather-proof IP66-rated Outdoor Housing
- Built-in 802.3af Compliant PoE
- ONVIF 2.2 Compliant for interoperability



**Introduction**

Panorama and detail, **iCAM-760D** dual lens camera provides a professional single camera solution. Integrated with Dual 5-Megapixel sensors, one equipped with f 1.05mm non-linear fisheye lens offers 180/360 degree de-warped image (single or multiple), for the other sensor, lens is 6, 8, 12, 16mm optional. Dual sensors gimbals work independently and can be configured to almost any direction, and de-warping algorithms are 180/360 degree selectable depends on fisheye lens configuration. Wide Dynamic Range and IR cut removable are available for both sensors. iCAM-760D offers a professional and efficient solution for commercial, industrial, and public areas.



**360° Panoramic View + Fixed-focal View**



**180° Panoramic View + Fixed-focal View**



**180° Triple View + Fixed-focal View**



**Quad View + Fixed-focal View**



## Specifications

| Model                               | iCAM-760D   |
|-------------------------------------|---|
| <b>System Information</b>           |   |
| CPU                                 | Multimedia SoC (System-on-Chip)   |
| NOR Flash                           | 16 MB   |
| RAM                                 | 512 MB  |
| <b>Camera Features</b>              |   |
| Image Sensor                        | 1/2.5" Progressive CMOS sensor in 2592 x 1944 Resolution  |
| Maximum Resolution                  | 7.37 MEGA: 3840x1920 @15fps   |
| Fixed-Focal Lens Type               | 1/2.5", f = 6/8/12/16 mm, F1.6, Fix-Iris, Horizontal angle of view: 54°/ 41°/ 28°/ 22°  |
| Panoramic Lens Type                 | 1/2.5", f = 1.05 mm, F2.8 , Fix-Iris, Angle of view: 186±4° (D/H/V)   |
| Shutter Time                        | 1/100,000 to 1s   |
| WDR Technology                      | eWDR Enhanced   |
| Day/Night                           | Removable IR-cut filter for Day &Night Function   |
| Minimum illumination                | 1.9 Lux @F2.8 (Color) ; 0.1 Lux @F2.8 (B/W)   |
| External IR Illuminators (optional) | Effective Range up to 10 meter, 60/120/180 Degree IR IP66 / 8W / DC12V  |
| On-board Storage                    | Built-in MicroSD card slot, support MicroSDHC /MicroSDXC 64GB or above  |
| <b>Video</b>                        |   |
| Compression                         | H.264 / MJPEG   |
| Display Mode                        | 360° Source View + Fixed-focal View<br>180° Double Broad View + Fixed-focal View<br>180° Triple View + Fixed-focal View<br>Quad View + Fixed-focal View   |
| Maximum Streams                     | Two simultaneous streams<br>Stream 1: 3840x1920@15fps<br>Stream 2: 480x240@15fps  |
| S/N Ratio                           | Above 39 dB   |
| Dynamic Range                       | 100 dB  |
| Video Streaming                     | Adjustable resolution, quality and bitrate  |
| Image Settings                      | Adjustable image size, quality and bitrate<br>Configurable brightness, saturation, exposure control, sharpness, contrast, white balance, auto shutter control, auto gain control, noise reduction, EV luminance control, flip & mirror, privacy masks, time stamp, text overlay |

| Model                      | iCAM-760D   |
|----------------------------|---|
| <b>Audio</b>               |   |
| Audio Capability           | Audio input/output (full duplex)  |
| Compression                | G.711u  |
| Interface                  | External microphone input   |
| <b>Network</b>             |   |
| Users                      | Live viewing for up to 10 clients   |
| Protocols                  | HTTP, HTTPS, TCP/ IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, UPnP, ONVIF (Profile S), Multicast    |
| Protection                 | Multiple user access levels with password protection, IP address filtering  |
| Interface                  | 10 Base-T/100 BaseTX Ethernet(RJ-45)  |
| ONVIF                      | Ver.2.2 and above   |
| <b>Intelligent Video</b>   |   |
| Motion Detection           | Ten-windows video motion detection  |
| <b>Alarm and Event</b>     |   |
| Alarm Triggers             | Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification          |
| Alarm Events               | Event notification using digital output, HTTP, SMTP, FTP and NAS server; File upload via HTTP, SMTP, FTP and NAS server |
| <b>General</b>             |   |
| Connectors                 | RJ-45 cable connector for Network/PoE connection<br>Audio input / Audio output<br>Digital input*4 / Digital output*1    |
| LED Indicator              | System power and status indicator   |
| Power Input                | PoE, IEEE 802.3af, Class1<br>DC 12V   |
| Power Consumption          | 9.6W  |
| Dimensions                 | 200x153.5mm   |
| Weight                     | Net :1.9kg  |
| Casing                     | Indoor IP54<br>Outdoor Weather-proof IP66-rated housing   |
| Safety Certifications      | CE, FCC Class B, LVD  |
| Operating Temperature      | Starting : -10°C ~ 50°C<br>Working: -40°C ~ 50°C  |
| Operating Humidity         | 10% ~ 80%   |
| <b>System Requirements</b> |   |
| Operating System           | Microsoft Windows 10/8/Vista/XP   |
| Web Browser                | Mozilla Firefox 7 ~ 52,<br>Internet Explorer 7 ~ 11   |
| Other Players              | VLC: 1.1.11 or above  |

## Ordering Information

|                  |   |
|------------------|---|
| <b>iCAM-760D</b> | Dual Lens Panoramic Dome Network Camera with 7.3MP and 360°/180° Panoramic View |
|------------------|---|

## Accessories

|  | <b>CAM005 CR</b>        |  | <b>CAM006 CR</b>   |  | <b>CAM007 CR</b>   |  | <b>CAM008 CR</b>      |
|---|-------------------------|---|--------------------|---|--------------------|---|-----------------------|
|   | Outdoor 6" Dome Housing |   | Pole Mount Bracket |   | Wall Mount Bracket |   | Pendant Mount Bracket |