



## iCAM-771

IR Fisheye Network Camera  
5MP, 360° / 180° Panoramic View

### Features

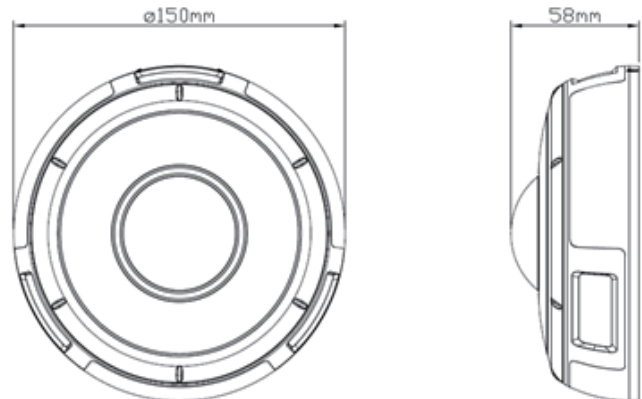
- 5-Megapixel CMOS Sensor
- Dewarping the Image via Fisheye Correction Processor
- Removable IR-cut Filter for Day & Night Function
- Built-in IR illuminators, Effective Distance up to 10 meters
- Real-time H.264, MPEG-4, and MJPEG Compression
- ROI (Region of Interest) Provide for 5 Independent Streams
- WDR Enhancement for Visibility in Extremely Bright or Dark Environments
- 2-way Audio Communication, External Microphone Input & Audio Output
- Built-in MicroSD Card Slot, support MicroSDHC/MicroSDXC 64GB or above
- Weather-proof IP66-rated & Vandal-proof IK10-rated Housing
- Built-in 802.3af Compliant PoE
- ONVIF Compliant for Interoperability
- EN50155 Compliance



### Introduction

**iCAM-771** is the Fish-eye IR Network Camera, featuring a detailed 5-Megapixel resolution sensor with clear image quality. Equipped with a fish-eye lens for 360°/180° panoramic view without blind spots, certified ImmerVision Enables 2.0, the cameras are able to provide coverage of wide, open areas, such as airports, shopping malls, factories, parking lots, retail stores, offices and more.

### Dimensions



**360° Panoramic View**



**180° Panoramic View**

## Specifications

Model	iCAM-771
<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
Maximum Resolution	2592x1944, 5 MP
Lens Type	Fisheye Fix Lens f=1.57mm, F2.2 (Optional Lens : f=1.05mm, F2.8)
Field of View	180° (Horizontal/Vertical/Diagonal)
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.5 Lux @F2.2 (Color); 0 Lux @F2.2 (B/W), IR ON
Pan/Tilt/Zoom	ePTZ: 10x digital zoom
IR illuminators	Built-in IR illuminators (LED x 6pcs ; optional LED x 8pcs), effective up to 10 meters
On-board Storage	Built-in MicroSD card slot, support MicroSDHC/ MicroSDXC 64 GB or above
<b>Video</b>	
Compression	H.264 / MJPEG / MPEG-4
Display Mode	360° Source View, 360° Broad View, 180° Double Broad View, Triple View, Quad View, 3 PTZ with Source View
Maximum Frame Rate	10 fps at 2592x1944 15 fps at 1920x1920 (Support HD Dewarp) 15 fps at 1920x1080 30 fps at 1600x1200 (HI-FPS Mode) 30 fps at 640x480
Maximum Streams	5 simultaneous streams at ROI Mode 3 simultaneous streams at Normal Mode
S/N Ratio	Above 39 dB
Dynamic Range	67 dB
Video Streaming	Adjustable resolution, quality and bit rate ROI (Region of Interest) Provide for 5 Independent Streams
Image Settings	Adjustable image size, quality and bit rate 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-771
<b>Audio</b>	
Audio Capability	Audio input/output (full duplex)
Compression	G.711u
<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
<b>Intelligent Video</b>	
Motion Detection	Ten-windows video motion detection
<b>Alarm and Event</b>	
Alarm Triggers	Motion detection, periodical trigger, digital input
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 connector for Network/PoE connection RJ-45 connector for Multi-function <ul style="list-style-type: none"> <li>• Audio input</li> <li>• Audio output</li> <li>• Digital input x1</li> <li>• Digital output x1</li> <li>• Video output</li> <li>• Default Setting</li> </ul>
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE DC 12V
Power Consumption	Max. 10W (IR ON)
Dimensions	Ø:150 x 58mm
Casing	Vandal-proof IK10-rated metal housing Weather-proof IP66-rated housing
Net Weight	870g
Safety Certifications	CE, FCC Class B, LVD, EN50155
Operating Temperature	0°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, Internet Explorer 7 ~ 11
Other Players	VLC: 1.1.11 or above

## Ordering Information

<b>iCAM-771</b>	IR Fisheye Network Camera with 5MP and 360°/180° Panoramic View
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