MU-Pano102

Indooor Fisheye Network Camera
5MP · 360° / 180° Panoramic View

Features

- 5-Megapixel CMOS Sensor
- 15 fps@1920x1920 Full HD
- Dewarping the Image via Fisheye Correction Processor
- Removable IR-cut Filter for Day & Night Function
- Real-time H.264, MPEG-4, and MJPEG Compression
- ROI (Region of Interest) Provide for 5 Independent Streams
- Minimum 0.1 Lux for Night Vision
- WDR Enhancement for Visibility in Extremely Bright or Dark Environments
- Two-way Audio Communication, built-in Microphone and Audio Output
- Built-in MicroSD Card Slot, support SDHC/SDXC 64GB or above
- Built-in 802.3af Compliant PoE (PD736E)
- Built-in IEEE802.11b/g/n Wireless (PD736W)
- ONVIF Compliant for Interoperability

360° Broad View

360° Source View

Quad View

3 PTZ with Source View

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System Information

CPU	Multimedia SoC (System-on-Chip)
NOR Flash	16MB
RAM	512 MB

Camera Features

Image Sensor	1/2.5" Progressive CMOS sensor in 2592 x 1944 resolution
Maximum Resolution	1920x1920
Lens Type	Fisheye Fix Lens
Focal Length	f=1.05 mm
Aperture	F= 2.8
Field of View	180° (Horizontal/Vertical/Diagonal)
WDR Technology	WDR 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)
Pan/Tilt/Zoom	ePTZ: 10x digital zoom
On-board Storage	Built-in MicroSD card slot, support SDHC/SDXC 64GB or above

Video

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	15 fps at 1920x1920 15 fps at 1920 x1080 30 fps at 1600 x 1200 (HI-FPS Mode) 30 fps at 640 x 480
Maximum Streams	5 simultaneous streams at ROI Mode 3 simultaneous streams at Normal Mode
S/N Ratio	Above 39 dB
Dynamic Range	100 dB
Video Streaming	Adjustable resolution, quality and bitrate ROI (Region of Interest) Provide for 5 Independent Streams
Image Settings	Adjustable image size, quality and bitrate 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

Audio

Audio Capability	Audio input/output (full duplex)
Compression	G.711u
Interface	Built-in microphone External microphone input
Effective Range	5 meters

Network

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

Interface	10 Base-T/100 BaseTX Ethernet(RJ-45)
ONVIF	Ver. 2.2

Intelligent Video

Motion Detection	Ten-window video motion detection

Alarm and Event

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

General

Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*2
Power Input	DC 12V IEEE 802.3af PoE
Power Consumption	Max. 5.1 W (DC 12V) Max. 5.3 W (PoE)
Wireless	IEEE802.11b/g/n (Optional)
Dimensions	Ø:196 x 57.3mm
Weight	Net: 350g
Safety Certifications	CE, FCC Class B, LVD
Operating Temperature	0°C ~ 50°C
Operating Humidity	10% ~ 80%

System Requirements

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7 ~ 10, Internet Explorer 7.x or 8.x, Chrome / Safari 4.0 or above
Other Players	VLC: 1.1.11 or above

Included Accessories

Quick installation guide, screws pack, mounting bracket, software CD

Dimensions

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