

WIP6NFV2

FISHEYE CAMERA

6MP IP IR Fisheye Camera



ONVIF®



Key Features

- 1:1 (2160×2160) @30fps
- H.265+ / H.265 / H.264+ / H.264 MJPEG coding
- ICR auto switch, true day / night
- 10 ~ 20m IR night view distance
- Support 3D DNR, WDR, BLC, HLC, Smart IR, Defog, etc.
- Support ROI
- Built-in micro SD card slot, up to 256GB
- IP 67 ingress protection
- IntelligentAnalytics
- SupportP2Pfunction
- Support mobile surveillance by smart phones with iOS and Android OS

The Genie **WIP6NFV2** is a 6MP IP IR fisheye camera. It supports local CVBS video output and two way audio as well as 10 ~ 20m IR night view distance.



genie

Specification

Camera

Image Sensor	1 / 2.5" Progressive Scan CMOS
Image Size	2160 × 2160
Electronic Shutter	1 / 3 s ~ 1 / 100000 s
Minimum Illumination	0.01 lux@F2.0, AGC ON; 0 lux with IR
Lens	1.65mm @F2.0, horizontal field of view : 118° (wall mounting), 360° (ceiling mounting), 360° (desktop)
WDR	120dB
S/N Ratio	≥ 50dB
BLC	Yes
HLC	Yes
Digital NR	3D DNR

Functions

Remote Monitoring	Web browsing, CMS remote control
Online Connection	Supports simultaneous monitoring for up to 11 users, supports multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, UPnP, HTTP
Interface Protocol	Onvif compatible
Storage	Network remote storage, micro SD card storage
Smart Alarm	Motion detection, sensor alarm
General Function	Watermark, IP address filtering, video mask
PoE	Yes
IR Distance	20 ~ 30 m

Interface

Network	1 CH RJ45 10 M/100 M self-adaptive Ethernet port
Video Output	CVBS (BNC ×1)
Audio	2CH Built-in MIC, 1 CH audio input, 1CH audio output
Storage	Built-in micro SD card slot, up to 256GB
Hardware Reset	Yes
Alarm	1CH alarm input, 1CH alarm output

Image

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Main Stream	Mode 1: Fisheye+Panoramic+3 PTZ Fisheye view 50Hz: 25fps@ (2160×2160, 1440×1440) Fisheye view 60Hz: 30fps@ (2160×2160, 1440×1440) Panoramic view 50Hz: 25fps@ (3200×1800, 1920×1080) Panoramic view 60Hz: 30fps@ (3200×1800, 1920×1080) 3PTZ view 50Hz: 15fps@ (1280×720) * 3 3PTZ view 60Hz: 15fps@ (1280×720) * 3
	Mode 2: Fisheye+ 4 PTZ Fisheye view 50Hz: 25fps@ (2160×2160, 1440×1440) Fisheye view 60Hz: 30fps@ (2160×2160, 1440×1440) 4PTZ view 50Hz: 15fps@ (1280×720) * 4 4PTZ view 60Hz: 15fps@ (1280×720) * 4
	Mode 3: Fisheye+ 4 PTZ Fusion Fisheye view 50Hz: 25fps @ (2160 × 2160, 1440 × 1440) Fisheye view 60Hz: 30fps @ (2160 × 2160, 1440 × 1440) 4PTZ fusion view 50Hz: 20fps @ 2560 × 1440 4PTZ fusion view 60Hz: 20fps @ 2560 × 1440
Sub Stream	Fisheye view: 50Hz: 25fps@ (960×960, 480×480) Fisheye view: 60Hz: 30fps@ (960×960, 480×480)
Bit Rate	64Kbps ~ 10Mbps
Bit Rate Type	VBR/CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser
ROI	8 ROI, each ROI to be configured separately

Functions

Remote Monitoring	Web Browser/NVMS2.0/NVR/mobile APP
Web Browser	IE11(plugin required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, SNMP, PPPoE, DDNS, 802.1x, SMTP, FTP, UPnP, HTTPS, HTTP, QoS, P2P, HTTP POST
Interface Protocol	ONVIF
Intelligent Analytics	Mode 1/2/3 (ceiling mounting): (Human) region intrusion/region entrance/region exiting/target counting by line, crowd density detection, heat map
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection
General function	Watermark, video mask, heartbeat, corridor pattern, fisheye dewarping, system backup
PoE	Yes, IEEE802.3af
IR Distance	10-20m

Others

Ingress Protection	IP67
Power Supply	DC12V/PoE
Power Consumption	< 10W
Working Environment	-30°C to 60 °C (-22°F to 140 °F). Humidity 95% or less (non-condensing)
Dimensions	130.6 46.3 mm
Weight	Approximately 516.2g

Dimensions

