

# ST-IP6FE

## 6MP Fisheye Network Camera



### Features:

- 1/1.8" progressive scan CMOS
- 6 megapixel image sensor
- Up to 3072 × 2048 real-time streaming
- 360° view angle
- Multiple viewing modes
- Multiple ePTZ streams with preset and patrol functions
- Ceiling, Wall or Table mount modes
- Up to 50 foot IR range
- Built-in microphone & speaker
- IP66
- IK10 vandal proof
- Line crossing & intrusion detection
- Heat map for identifying activity hotspots
- Region of interest encoding optimization



### Camera

Image Sensor	1/1.8" progressive scan CMOS
Min. Illumination	0.05lux (F1.2, AGC ON) 0.3lux (F2.8, AGC ON) 0 lux with IR
Shutter Speed	1/25 (1/30)s - 1/100,000s
Lens	1.27mm, F2.8; Angle of view: 360°
Lens mount	M12
Day & Night	ICR

### Compression Standard

Video Compression	H.264/MJPEG
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bit Rate	32 Kbps – 16 Mbps
Audio Compression	G.711/G.726/MP2L2
Audio Bit Rate	64Kbps (G.711) / 16Kbps (G.726) / 64Kbps (MP2L2)

### Smart Feature Set

Intrusion Detection	Enter and loiter in a pre-defined virtual region, up to 4 pre-defined virtual regions supported
Line Crossing Detection	Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported
Heat Map	A graphical representation of density of visit in a configured area

### Interface

Audio	Supports audio in/out
Audio Input	1 3.5mm audio interface, Mic in/Line in; 1 built-in microphone by default, -42dB
Audio Output	1 3.5mm audio output interface; 1 built-in speaker by default, supports echo cancellation
Reset Button	Yes

### Ordering Information:

ST-IP6FE	6 Megapixel IP Fisheye Camera with IR
ST-IP6FE-ICM	Optional mounting bracket for ST-IP6FE



**Free STGO2  
mobile app  
for iOS &  
Android**

### Network

Network Storage	NAS, SAMB / CIFS Supports standard 128G micro SD/SDHC/SDXC card storage
Alarm trigger	Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Standard	ONVIF, PSIA, CGI, ISAPI

### Security

Security	User Authentication, Watermark, IP address filtering, Anonymous access
User Authentication	Supports three-level user authentication management, user & password authorization and IP address filtering
Security Certificate	HTTPS
User Lock	Lock user IP address after specific number of failed login attempts

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### Image

Max. Resolution	3072 x 2048
Frame Rate	High-frame Mode: 50Hz: 1 x fisheye (3072 x 2048, 25fps) or (2048 x 2048, 25fps) or 4 x PTZ at (1024 x 768, 30fps) 60Hz: 1 x fisheye (3072 x 2048, 25fps) or (2048 x 2048, 30fps) or 4 x PTZ at (1024 x 768, 30fps)
	Multi-channel Mode: 50Hz: 1 x fisheye (1280 x 1280, 12.5fps) and 1 x panoramic (2048 x 1536, 12.5fps) and 3 x PTZ (1024 x 768, 12.5fps) 60Hz: 1 x fisheye (1280 x 1280, 15fps) and 1 x panoramic (2048 x 1536, 15fps) and 3 x PTZ (1024 x 768, 15fps)
Number of Streams	High Frame Rate Mode: 1 or 4 Multi-Channel: up to 5 (No sub-streams)
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Digital WDR
Image Setting	Saturation, Brightness, Contrast, Hue, Sharpness, AGC, White Balance
Hi-Light Compensation	Supported
Day/night Switch	IR Cut filter
Display Mode	15 display modes in total (including display modes of different mount types and decoding modes): Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, Fisheye + Panorama + 3PTZ, 360 Panorama View, 360 Panorama + PTZ, 360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ, Panorama View, Panorama + 3PTZ, Panorama + 8PTZ

### General

Operating Conditions	-22°F – 140°F Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 10% / PoE (802.3af)
Power Consumption	Max. 12W
IR Range	50 feet
Impact Protection	IEC60068-2-75Eh, 20J; EN50102, Up to IK10
Ingress Protection level	IP66
Dimensions	6.59" x 1.79"
Weight	3.1 lbs.



### ST-IP6FE-ICM

Optional mounting bracket for ST-IP6FE