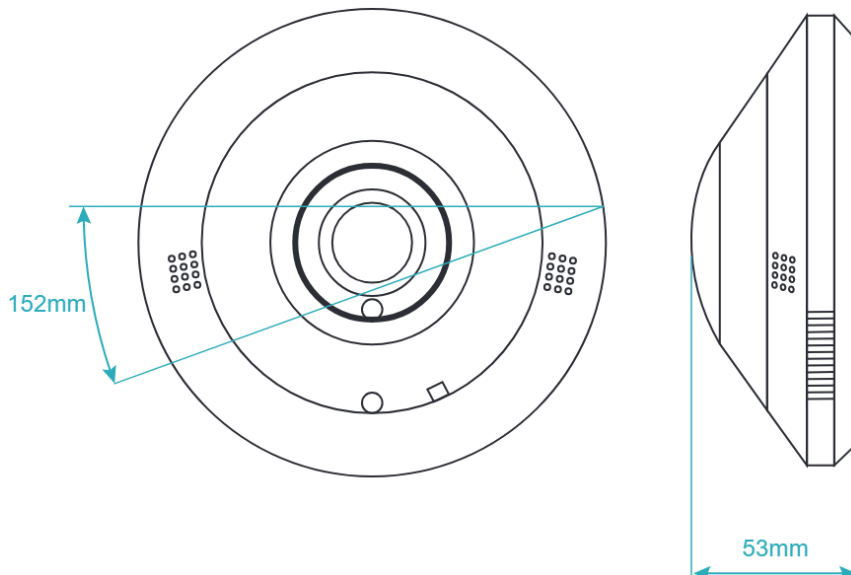


GRIFFIN GF-IF77PRE12SH-PAN Network Camera

Fully-featured and smart Fisheye, all-around 12MP surveillance



- resolution: 12 Megapixel - StarLight
- Image Sensor: 1/1.7" Progressive Scan SONY IMX226
- CPU: HiSilicon 3519A
- Frame Rate: Fisheye(4000*3000@25fps), 4CH@ePTZ(1600*1200@30fps)
Fisheye + Panoramic + 3CH@ePTZ(2560*1080 + 1920*1080 + 1280*960@15fps)
Fisheye + 4CH@ePTZ(1920*1080 + 1280*960@15fps)
Panoramic + 4CH@ePTZ(2560*1080 + 1280*960@15fps)
- Video Compression: H.264 / H.264+ / H.265 / H.265+
- Lens: 1.85mm Fixed Lens - Six Stream, 6View Mode GRIFFIN Protocols
- Picture Function: 120db WDR, DWDR, 2D/3D-DNR, Defog, BLC, HLC, ROI
- Memory Slot: Micro SD (256Gb Max) - ANR Support
- Audio: Internal Mic, Internal Speaker Audio In, Audio Out
- Alarm: Alarm In, Alarm Out
- IR Distance: 10~20m Smart IR SMD Technology
- Compatibility: Onvif Ver2.6, Profile S, G, T, CGI
- Power Supply: 12V DC / PoE IEEE802.3af
- IP Rating: IP67, IK10, 6KV Surge Protection
- Intelligent Function: Line Crossing, Video Shelter, Motion Detection



Camera	Image Sensor	12MP Starlight - 1/1.7" Progressive Scan SONY IMX226
	DSP	HiSilicon 3519A
	Lens	1.85mm Fixed Lens
	Resolution	4000*3000 (12MP)
	Available IR Range	10~20m Smart IR SMD Technology
	D/N Filter	IR Cut Filter Switch (ICR)
	Min Illumination	Color: 0.005 Lux(AGC on) - B/W: 0.0 Lux(IR on)
	Angle of View	H-FOV: 180°, V-FOV: 180°, D-FOV: 180°
	StarLight View	Color / IR
Picture Adjust	Picture Function	120db WDR, DWDR, 2D/3D-DNR, Defog, BLC, HLC, ROI
	Shutter Speed	Manual (1/3 ~ 1/100.000), Auto
	Image Parameter Control	Off, On, Timing (Adjust 0 ~ 255)
	D/N Control	Timing, Auto, Color on, Color off
	Image Parameter	Saturation, Brightness, Contrast, Sharpness, Hue
Video Audio	Video Compression	H.264+(Ultra H.264), H.265+ (Ultra H.265)
	Audio Compression	G.711A, G.711U
	Frame Rate(60Hz)	Fisheye(4000*3000@25fps) 4CH@ePTZ(1600*1200@30fps) Fisheye + Panoramic + 3CH@ePTZ(2560*1080 + 1920*1080 + 1280*960@15fps) Fisheye + 4CH@ePTZ(1920*1080 + 1280*960@15fps) Panoramic + 4CH@ePTZ(2560*1080 + 1280*960@15fps)
	Transmission Stream	Six Stream, 6View Mode GRIFFIN Protocols (Code Rate: 128kb-10mb)
Network	Protocols	TCP/IP (V4,V6), ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P, Bonjour, SNMP (V1, V2, V3), UDP, NAT, Multicast
	Compatibility	Onvif Ver2.6, Profile S, G, T, CGI, SDK, API
	Max Users	10 Users
	Streaming Method	Unicast, Multicast
	Web Viewer	Internet Explorer, Edge, Firefox, Chrome
	Recording Software	Unlimited CMS/VMS 128CH Per Monitor
	Smart Device	IOS, Android Phone & Tablet
Function	Recording	FTP, NVR, CMS, VMS, NAS, SD Card, ANR
	Record Type	Manual, Motion Detection, Smart Detection, Schedule
	Alarm Triggers	All Intelligent Function
	Event Action	Email, PTZ, Snapshot, Recording, Buzzer, Pop up, Show Message
	Intelligent Function	Line Crossing, Area Intrusion, Video Shelter, Motion Detection
Interface	Network	RJ45(10/100mbps)
	Audio	Internal Mic, Internal Speaker Audio In, Audio Out
	Alarm	Alarm In, Alarm Out
	CVBS	N/A
	Power	PoE LAN, DC In
	Memory Slot	Micro SD (256Gb Max) - ANR Support
General	IP Rating	IP67, IK10, 6KV Surge Protection
	Power Supply	DC12V ± 10%
	POE Supply	IEEE802.3af - Max 10Watt
	Dimension	152*53 mm
	Weight	725 gr
	Operation Humidity	Max Up to 95%RH(Non Condensing)
	Operation Temp	-40°C ~ +70°C
	MTBF	100K hrs min. MIL-HDBK-217F (25°)