

CCTV IP / IP Consumption

SF-IPCU014A-4B1W-PIR

Consumer WiFi Camera

Consumer WiFi Series

Range of cameras aimed at the domestic and small business environment. Aesthetic and user-friendly design, equipped with WiFi connection to avoid complicated wired installations. Fast and secure remote access from the app via a high-availability P2P cloud. With all the functions desired by the end user, such as bidirectional audio, real PIR detection, WDR backlight solution and local recording on MicroSD card with storage saving through its efficient codec, without forgetting the reliable and immediate push notifications.

- 4 Megapixels Resolution
- 1/3" High Performance CMOS Sensor
- 2.8 mm Fixed Lens
- PIR Motion Detection for alarm filter
- WDR Wide dynamic range
- Smart IR LED Up to 10 m
- Built-in Mic and speaker
- For indoor use



Technical Specification

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	color: 0.008 Lux @ (F2.25, AGC ON), B/W: 0 Lux with IR color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120dB
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens Type	2.8 mm
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135°
Aperture	F2.0
Lens Mount	M12
IR Range	10 m
Wavelength	850nm
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720),60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240),60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288),60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Video Compression	Main stream: H.265/H.264,Sub-stream: H.265/H.264/MJPEG,Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Scalable Video Coding (SVC)	Support H.264 and H.265 encoding
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Simultaneous Live View	Up to 6 channels

API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
User/Host	Up to 32 users, 3 levels: Administrator, Operator and User
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Network Storage	Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS, SMB/CIFS), ANR
Client	Safire Control Center, Safire Connect, Safire Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, PIR, illegal login
Encryption Mode	WPA, WPA2
Wi-Fi Protocol	IEEE 802.11b/g/n
Frequency Range	2.412 GHz to 2.4835 GHz
Channel Bandwidth	20M/40M
Transfer Rate	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 m
Day/Night Switch	Day/Night/Auto/Schedule
DNR	3D DNR
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
PIR Angle	Horizontal: 90°, Vertical: 80°
PIR Range	10 m
Audio	1 built-in mic, 1 built-in speaker, mono sound
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128G
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, face detection
Face Detection	Yes
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email
Firmware Version	5.6.3

Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Startup and Operating Conditions	-10 °C to +40 °C (14 °F to +104 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, max. 6 W, □ 5.5 mm coaxial plug power, PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7 W
Dimensions / Weight	102.8 mm × 65.2 mm × 32.6 mm (4.1" × 2.6" × 1.3") Approx. 128 g (0.3 lb.)