

IP / Professional IP cameras

SF-IPD820WAG-4E

Entry-level Professional IP Camera

H.265+ ECO Series

The ECO range is the entry level for IP cameras. It stands out for its good night-time performance and Matrix LED illumination system, as well as its characteristic robustness and reliability, which satisfy any standard installation. Efficient H.265+ encoding, which saves 80% in storage and bandwidth over H.264 codec. Power over the POE network cable greatly simplifies installation.

- 4 Megapixels Resolution
- 1/3" High Performance CMOS Sensor
- 2.8 mm Fixed Lens
- H.265+ High Efficiency Video Codec
- Smart IR LED Up to 30m
- Power over Ethernet (POE)
- IP67 Weatherproof



Technical Specification

Sensor de imagen	1/3" progressive scan CMOS
Iluminación mínima	Color: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR
Velocidad de obturación	1/3 s to 1/100, 000 s
Obturador lento	Yes
Wide dynamic range	120 dB
Día y Noche	IR cut filter
Ajuste de ángulo	Pan: 0° to 355°, tilt: 0° to 75°
Focal Length & FOV	2.8 mm, horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7° 4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3°
Montura del lente	M12
Enfoque	Fixed
Apertura	F2.0
IR Wavelength	850 nm
Rango IR	Up to 30 m
Max. Resolución	2560 × 1440
Main stream	50 Hz: 20 fps (2560 × 1440) 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Compresión de video	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
Vídeo bitrate	32 Kbps to 8 Mbps
Tipo H.264	Baseline Profile/Main Profile/High Profile
Tipo H.265	Main Profile
H.264 +	Main stream supports
H.265 +	Main stream supports
Región de interés (ROI)	1 fixed region for main stream
Protocolos	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Vista en vivo simultánea	Up to 6 channels
API	Open Network Video Interface, ISAPI
Usuario/operador	Up to 32 users. 3 levels: administrator, operator and user
Cliente	Safire Control Center, Safire Connect
Navegador web	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+

Configuración de imagen	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Interruptor día/noche	Auto, Schedule, Day, Night
Mejora de la imagen	BLC, 3D DNR
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Evento Básico	Motion detection, video tampering alarm, exception
Método de enlace	Upload to FTP, notify surveillance center, send email
Material de la cámara	Aluminum alloy body
Dimensión de la cámara	Ø111 mm × 82.4 mm (Ø 4.4" × 3.2")
Dimensión del paquete	134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")
Peso de la cámara	Approx. 360 g (0.8 lb.)
Con peso del paquete	Approx. 560 g (1.2 lb.)
Condiciones de almacenaje	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Condiciones de inicio y funcionamiento	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Idioma del cliente web	English, Ukrainian
Función general	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Versión de firmware	V5.5.120
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W
Fuente de alimentación	12 VDC ± 25% PoE: 802.3af, Class 3
Interfaz de energía	Ø5.5 mm coaxial power plug
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Seguridad	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Ambiente	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protección	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)