SF2121H-BHR-50

The 2-megapixel AVer SF2121H-BHR-50 bullet type IP camera (network camera) can display up to full HD quality video in real-time. It is designed for day / night applications with a mechanical ICR and IR LED with effective distance of 50m. The WDR and dynamic 3D/2D DNR functions allow the SF2121H-BHR-50 to deliver vivid images in poor lighting conditions. Camera is protected by an IP67-rated weatherproof housing and equipped with built-in heater protecting camera against extremely low temperatures.

Full HD 1080 **Onvif**

features

full HD resolution	day / night function	low temp. protection	waterproof & dustproof	IR distance of 50 meters

key features

- 2-megapixel 1/2.7" CMOS sensor with vari-focal lens (f=3~9mm)
- supports up to 1920 x 1080 at 30fps
- H.264 / MJPEG / MPEG-4 compression (tri-codec)
- supports plug and play feature with AVer DVRs/NVRs
- robust housing with IP67 rating
- protection against low temperatures (-40°C)
- built-in mechanical ICR (IR-cut filter removable) and IR LEDs (50m) for excellent day and night visibility
- supports Wide Dynamic Range (WDR) and dynamic Digital Noise Reduction (DNR) to deliver cleaner, sharper images in low-light environments
- supports Smart Stream and Region of Interest (ROI) technology, allowing for smart bandwidth / storage optimization through targeted image capturing
- EN50130-4 certified, ensuring high surge and electro-thermal resistance

- local storage backup when an event is triggered or the network is down
- event trigger actions: mail, FTP, save to microSDHC card, relay, Samba
- cable management wall mount for easy installation
- NXU Lite video management software (free up to 32CH)

specs

model	SF2121H-BHR-50
application environment	
indoor / outdoor	indoor / outdoor
weatherproof	IP67
vandal-proof	-
day / night control	auto / manual / schedule
camera image	
sensor	1/2.7" CMOS
min. illumination	color: 0.2 lux @ F1.2 0 lux @ F1.2 (IR LED on)
built-in IR LEDs	yes
IR distance	50m
mechanical ICR	yes
auto iris	yes
lens	
lens type	vari-focal lens
F/no	F1.2
focal length	f=3~9mm
angle of view	121.2° (W) ~ 38.1° (T) (horizontal) 62.1° (W) ~ 21.3° (T) (vertical)
video	
compression	H.264 / MPEG-4 / MJPEG simultaneously
max. resolution (H.264 / MJPEG)	full HD (1920 x 1080)
max. frame rate	H.264 / MPEG-4 up to 30fps (1920 x 1080) MJPEG up to 30fps (1280 x 1024)
streaming	H.264 / MPEG-4 (3GPP only) / JPEG
multiple streams	yes
WDR (Wide Dynamic Range)	D-WDR
BLC (Backlight Compensation)	yes
DNR (Digital Noise Reduction)	dynamic, 3D, 2D
Smart Stream	yes
ROI (Region of Interest)	yes

IMD (Intelligent Motion Detection) zone	3
privacy mask	3
image orientation	mirror, flip
audio	
audio encoder	G.711 / G.726 audio compression
audio streaming	2-way audio
microphone	external microphone input
network	
protocol	HTTP, HTTPS, TCP/IP (IPv4, IPv6), QoS/DSCP, UPnP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP (video only), Samba
Ethernet	Ethernet (10/100 Base-T), RJ45 connector
security	password protection, IP address filtering, HTTPS encrypted data transmission
user	up to 10 users simultaneously
alarm	
trigger event	mail, FTP, save to microSDHC card, relay, Samba
interface	
digital input / output	1 / 1
built-in storage option	microSDHC card (32G max.)
general	
power supply	DC 12V / PoE
DC	power consumption 5.2W (IR LED off / heater off) 7.1W (IR LED on / heater off) 17.7W (IR LED off / heater on) 19.6W (IR LED on / heater on)
PoE	PoE Class 4 (IEEE802.3at) power consumption: 7.3W (IR LED off / heater off) 9.4W (IR LED on / heater off) 20.7W (IR LED off / heater on) 22.8W (IR LED on / heater on)
dimensions	111 W x 114.5 H x 265.2 D (mm)
net weight	2180g (w/ bracket)
temperature and humidity	-40°C ~ 50°C, 20% ~ 90%
other value-added features	ePTZ, EN50130-4
software	

VMS	NXU Lite (free bundle up to 32CH)
supported languages	English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian, Polish, Potuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

*specifications are subject to change without prior notice