

AVer SF2121H-BHR-50 2M Bullet IP Camera



Product Name: AVer SF2121H-BHR-50 2M Bullet IP Camera

Manufacturer: AVer

Model Number: SF2121H-R-BH50

AVer SF2121H-BHR-50 2M Bullet IP Camera

The AVer 2-megapixel SF2121H-BHR-50 bullet type IP camera (network camera) can display up to full HD quality video in real-time. It is designed for both day and night applications with a mechanical IR-cut filter and IR LED illuminator that creates an effective IR distance of up to 50 meters. The Wide Dynamic Range (WDR) and dynamic 3D/2D noise reduction functions allow the FB2028 to deliver vivid images in poor lighting conditions. The FB2028 is protected by an IP68-rated waterproof and dustproof housing and equipped with built-in heater protecting camera against extremely low temperatures.

AVer 2M SF2121H-BHR-50 Key Features

- 2-megapixel and 1/2.7 inch CMOS sensor with vari-focal lens (f=3~9mm)
- supports up to 30fps @ 1920 x 1080 in H.264 / MPEG-4 format
- supports plug and play feature with AVer DVRs/NVRs
- built-in mechanical IRC (IR-cut filter removable) and IR LED (50m) for excellent day and night visibility
- supports dynamic 3D / 2D noise reduction to deliver cleaner, sharper images in low-light environments
- 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 on-board microSDHC card, relay, Samba
- cable management wall mount for easy installation
- NXU Lite video management software (free up to 32CH)

AVer 2M SF2121H-BHR-50 - Technical Specifications

application environment

- indoor/outdoor indoor / outdoor (IP67)
- day/night control auto / manual / schedule

system

- ONVIF compatibility v2.1
- flash (MB) 128
- RAM (MB) 256
- embedded OS Linux

camera image

- sensor 1/2.7" CMOS
- min. illumination color: 0.2 lux @ F1.2
- 0 lux @ F1.2 (IR LED on)
- built-in LED 48-piece IR LED
- IR distance 50m
- mechanical ICR yes
- auto IRIS yes

lens

- lens type vari-focal lens
- F/no F1.2

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- focal length $f=3\sim 9\text{mm}$
- angle of view $121.2^{\circ}(\text{W})\sim 38.1^{\circ}(\text{T})$ (horizontal)
- $62.1^{\circ}(\text{W})\sim 21.3^{\circ}(\text{T})$ (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 24fps (1600 x 1200)
- MJPEG up to 30fps (1280 x 1024)
- streaming H.264 / MPEG-4 (3GPP only) / JPEG
- multiple streams yes
- IMD (Intelligent Motion Detection) zone 3
- WDR (Wide Dynamic Range) yes
- BLC (Backlight Compensation) yes
- noise reduction 3D, 2D
- ePTZ yes
- privacy mask area 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, 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
- 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 $-40^{\circ}\text{C}\sim 50^{\circ}\text{C}$, 20%~90%

software

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

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