



SF2121H-DVR



The 2-megapixel full HD AVer SF2121H-DVR vandal dome type IP camera (network camera) is designed for harsh outdoor environments. The SF2121H-DVR is protected by a robust waterproof, dustproof (IP68) and vandal-proof (IK10) housing, and outfitted with a built-in heater enabling the IP camera to operate in locations as cold as -25°C. It comes equipped with IR illuminators with effective IR distance of 30 meters and mechanical ICR to give users consistently clear imaging all day and all night.



features



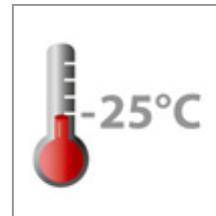
full HD
resolution



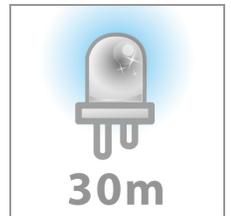
waterproof &
dustproof



vandal-proof



low temp.
protection



IR distance of
30 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 IP68 and IK10 ratings
- protection against low temperatures (-25°C)
- built-in mechanical ICR (IR-cut filter removable) and IR LEDs (30m) 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
- NXU Lite video management software (free up to 32CH)

specs

model	SF2121H-DVR
application environment	
indoor / outdoor	indoor / outdoor
weatherproof	IP68
vandal-proof	IK10
day / night control	auto / manual / schedule
camera image	
sensor	1/2.7" CMOS
min. illumination	color: 0.4 lux @ F1.2 0 lux @ F1.2 (IR LED on)
built-in IR LEDs	yes
IR distance	30m
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)
bracket adjustment	pan: 280°, tilt: 30°~90°, rotation: 100°
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) H.264 / MPEG-4 / 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, 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 5W (IR LED off / heater off) 6W (IR LED on / heater off) 11.3W (IR LED off / heater on) 12.4W (IR LED on / heater on)
PoE	PoE Class 3 (IEEE802.3af) power consumption: 7W (IR LED off / heater off) 8.3W (IR LED on / heater off) 14.5W (IR LED off / heater on) 15.5W (IR LED on / heater on)
dimensions	144.3 Ø x 114.4 H (mm)
net weight	1200g
temperature and humidity	-25°C ~ 50°C, 20% ~ 80%
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, Portuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

*specifications are subject to change without prior notice