

AVer SD1306 1.3M Speed Dome IP Camera



Product Name: AVer SD1306 1.3M Speed Dome IP Camera

Manufacturer: AVer

Model Number: SD1306

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The AVer 1.3-megapixel SD1306 Speed Dome IP Camera supports an array of pan/tilt/zoom (PTZ) capabilities including 360°; endless pan and powerful 22X optical zoom allowing users to quickly zero in on a desired area. Thanks to its IP66-rated weatherproof housing offering protection against temperatures as low as -20°C, the SD1306 can be used both indoors and outdoors. A range of advanced features including BLC, WDR, and DNR ensures excellent image quality even under very challenging light conditions.

AVer SD1306 Key Features

- 1.3-megapixel 1/3" CMOS sensor with zoom lens (f=4.7~103.4 mm)
- Supports up to 1280 x 1024 at 30 fps
- H.264 / MJPEG / MPEG-4 compression (tri-codec)
- Supports plug and play feature with AVer DVRs/NVRs
- Robust housing with IP66 rating
- Protection against low temperatures (-20°C)
- Precise 22X optical zoom allowing to quickly zero in on a desired area
- Built-in mechanical ICR (IR-cut filter removable) for excellent day and night visibility
- Supports Wide Dynamic Range (WDR) and Digital Noise Reduction (DNR) to deliver cleaner, sharper images in challenging light environments
- Supports Backlight Compensation (BLC) preventing direct strong light from blinding the camera
- Local storage backup (microSD/SDHC card, up to 32GB) when an event is triggered or the network is down
- 2-way audio communication
- event trigger actions: mail, FTP, save to memory card, relay, Samba
- NXU Lite video management software (free up to 32CH)

AVer SD1306 - Technical Specifications application environment

- indoor / outdoor indoor / outdoor
- weatherproof IP66
- vandal-proof -
- day / night control auto / manual / schedule

camera image

- sensor 1/3" CMOS min. illumination color: 1 lux @ F1.6
- black & white: 0.05 lux @ F1.6
- built-in IR LEDs -
- IR distance - mechanical ICR yes auto iris yes

lens

- lens type 22X zoom lens
- F/no F1.6~F3.1
- focal length f=4.7~103.4 mm
- angle of view 53.0°; (W) ~ 4.5°; (T) (horizontal) 47.0°; (W) ~ 3.4°; (T) (vertical)

PTZ control

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- pan range 360°; (endless)
- tilt range 10°; ~ 170°;
- manual pan speed 0.45°/s; ~ 90°/s
- manual tilt speed 0.35°/s; ~ 45°/s
- preset positions 256
- preset speed pan & tilt: 200°/s
- auto patrol 8 groups with 24 points

video

- compression H.264 / MPEG-4 / MJPEG simultaneously max. resolution (H.264 / MJPEG) 1280 x 1024 max. frame rate H.264 / MPEG-4 / MJPEG up to 30fps (1280 x 1024)
- streaming H.264 / MPEG-4 / MJPEG
- multiple streams 3
- WDR (Wide Dynamic Range) D-WDR
- BLC (Backlight Compensation) yes
- DNR (Digital Noise Reduction) 3D
- Smart Stream -
- ROI (Region of Interest) -
- IMD (Intelligent Motion Detection) zone yes
- privacy mask -
- image orientation mirror, flip, rotate

audio

- audio encoder G.711 / G.726 audio compression
- audio streaming 2-way audio
- microphone external microphone input

network

- protocol HTTP, HTTPS, UDP, TCP/IP (IPv4, IPv6), QoS/DSCP, UPnP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP (video only), Samba, RTSP, SNMP, Access list
- Ethernet Ethernet (10/100 Base-T), RJ45 connector
- security password protection, IP address filtering, HTTPS encrypted data transmission
- users up to 8 users simultaneously

alarm

- trigger event mail, FTP, save to memory card, relay, Samba

interface

- digital input / output 2/1
- built-in storage option microSD / microSDHC card (32GB max.)

general

- power supply AC 24V / PoE
- DC power consumption: 11.52W
- PoE PoE Class 4 (IEEE802.3at)
- power consumption: 12W
- dimensions 219 W x 330.7 H (mm)
- net weight 4.5kg (w/ bracket)
- temperature and humidity -20°C ~ 50°C, 20% ~ 80%

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- other value-added features -

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

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