

AVer FV-2028-TM 2M Rugged Series Bullet IP Camera with motorized lens



Product Name: AVer FV-2028-TM 2M Rugged Series Bullet IP Camera with motorized lens

Manufacturer: AVer

Model Number: FV-2028-TM

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The AVer FV-2028-TM 2M Rugged Series Bullet IP Camera with motorized lens is designed to withstand harsh outdoor and tough working conditions. The IP68-rated and IK10-rated housing with extreme temperature protection ($\pm 50^{\circ}\text{C}$) makes the camera invulnerable to harsh rainstorms, freezing cold and scorching heat. The FV2028-TM is outfitted with IR LED illuminators (30m) to achieve excellent day / night functionality, motorized lens, Smart Stream and Region of Interest (ROI) for bandwidth / storage optimization.

AVer FV-2028-TM Key Features

- 2-megapixel 1/2.7" CMOS sensor with vari-focal lens ($f=3\sim 9\text{mm}$)
- 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 extreme temperatures ($\pm 50^{\circ}\text{C}$)
- motorized lens allows for easy focus and zoom adjustment (MFZ) directly via the camera's GUI built-in mechanical ICR (IR-cut filter removable) and adjustable Osram IR LEDs (30m) 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 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 (microSDHC/SDXC card, up to 64GB) when an event is triggered or the network is down
- event trigger actions: mail, FTP, save to memory card, relay, Samba
- NXU Lite video management software (free up to 32CH)

AVer FV-2028-TM - Technical Specifications
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
- black & white: 0.05 lux @ F1.2
- 0 lux @ F1.2 (IR LED on)
- built-in LED yes - adjustable strength (Osram)
- IR distance 30m
- mechanical ICR yes
- auto iris yes

lens

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- lens type motorized 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 / MJPEG
- multiple streams yes
- WDR (Wide Dynamic Range) D-WDR
- BLC (Backlight Compensation) yes
- DNR (Digital Noise Reduction) 2D, 2D/3D (dynamic)
- 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 / AAC audio compression
- audio streaming 2-way audio
- microphone external microphone input

network

- protocol HTTP, HTTPS, TCP/IP (IPv4, IPv6), QoS, UPnP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP (video only), Samba, SNMP(V1/V2c/V3), 802.1X
- 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 memory card, relay, Samba

interface

- digital input / output 1 / 1
- built-in storage option microSDHC / microSDXC card (64GB max.)

general

- power supply DC 12V / PoE
- PoE PoE Class 3 (IEEE802.3af)
- power consumption: 7W (IR LED off / heater off) 14W (IR LED on / heater off) 15W (IR LED off /

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heater on) 22W (IR LED on / heater on)

- dimensions 144.3 W x 114.4 H (mm)
- net weight 1200g
- temperature and humidity -50°C ~ 50°C, 20% ~ 90%
- other value-added features MFZ, ePTZ, EN50130-4

network

- protocol HTTP, HTTPS, TCP/IP (IPv4, IPv6), QoS, UPnP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP (video only), Samba, SNMP(V1/V2c/V3), 802.1X
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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 network

Price: £545.00
