Product Name: AVer FB3028-RT1 3M Rugged Series Bullet IP Camera with True WDR and IR LEDs (30m)
Manufacturer: AVer
Model Number: FB3028-RT1

AVer FB3028-RT1 3M Rugged Series Bullet IP Camera with True WDR and IR LEDs (30m)
The AVer FB3028-RT1 3M Rugged Series bullet IP camera with True WDR and IR LEDs (30m) is designed to withstand harsh outdoor and tough working conditions. The IP68-rated housing with extreme temperature protection (±60°C) makes the camera invulnerable to harsh rainstorms, freezing cold and scorching heat. The FB3028-RT1 is outfitted with IR LED illuminators (30m) to achieve excellent day / night functionality, True WDR, Smart Stream and Region of Interest (ROI) for bandwidth / storage optimization.
AVer FB3028-RT1 Key Features

• 3-megapixel 1/3” CMOS sensor with vari-focal lens (f=3~9mm)
• supports up to 2048 x 1536 at 20fps, 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 rating
• protection against extreme temperatures (±60°C)
• supports Quick Focus for quick and precise focus adjustment, works via a BNC monitor or 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 sensor-based True Wide Dynamic Range (True WDR) to greatly increase visibility by minimizing the effects of extreme lighting contrast from backlight or glare
• supports dynamic Digital Noise Reduction (DNR) to deliver cleaner, sharper images in low-light environments
• supports Smart Stream and Region of Interest (ROI) and Event Booster 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 FB3028-RT1 - Technical Specifications
application environment

• indoor / outdoor indoor / outdoor
• weatherproof IP68
• vandal-proof -
• day / night control auto / manual / schedule

camera image

• sensor 1/3" CMOS
• min. illumination color: 0.8 lux @ F1.2
• black & white: 0.1 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

- lens type vari-focal lens
- F/no F1.2
- focal length f=3~9mm
- angle of view 96.4° (W) ~ 31.7° (T) (horizontal)
- 96.6° (W) ~ 23.7° (T) (vertical)

video

- compression H.264 / MPEG-4 / MJPEG simultaneously
- max. resolution (H.264 / MJPEG) 2048 x 1536
- max. frame rate H.264 / MJPEG up to 20fps (2048 x 1536)
- H.264 / MJPEG / MPEG-4 up to 30fps (1920 x 1080)
- streaming H.264 / MPEG-4 / MJPEG
- multiple streams yes
- WDR (Wide Dynamic Range) True 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 Event Booster, 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 4 (IEEE802.3at)

• power consumption: 6.7W (IR LED off / heater off) 10W (IR LED on / heater off) 22W (IR LED off / heater on) 23.1W (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 -60°C ~ 60°C, 20% ~ 90% (DC) -40°C ~ 60°C, 20% ~ 90% (PoE)
• other value-added features Quick Focus, 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

Please Enquire