

# AVer FB3028-RTM 3M Rugged Series Bullet IP Camera with True WDR



Product Name: AVer FB3028-RTM 3M Rugged Series Bullet IP Camera with True WDR

Manufacturer: AVer

Model Number: FB3028-RTM

## AVer FB3028-RTM 3M Rugged Series Bullet IP Camera with True WDR

The AVer FB3028-RTM 3M Rugged bullet IP camera with True WDR is designed to withstand harsh outdoor and tough working conditions. The IP68-rated housing with extreme temperature protection ( $\pm 60^{\circ}\text{C}$ ) makes the camera invulnerable to harsh rainstorms, freezing cold and scorching heat. The FB3028-RTM is outfitted with IR LED illuminators (30m) to achieve excellent day / night functionality, True WDR, motorized lens, Smart Stream and Region of Interest (ROI) for bandwidth / storage optimization.

### AVer FB3028-RTM Key Features

- 3-megapixel 1/3" CMOS sensor with vari-focal lens ( $f=3\sim 9\text{mm}$ )
- 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 ( $\pm 60^{\circ}\text{C}$ )
- 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 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) 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-RTM - 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

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## lens

- lens type motorized vari-focal lens
- F/no F1.2
- focal length  $f=3\sim 9\text{mm}$
- angle of view  $96.4^\circ$ ; (W)  $\sim 31.7^\circ$ ; (T) (horizontal)
- $69.6^\circ$ ; (W)  $\sim 23.7^\circ$ ; (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

## 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 4 (IEEE802.3at)
- power consumption: 7.1W (IR LED off / heater off) 9.1W (IR LED on / heater off) 23.6W (IR LED off / heater on) 23.6W (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  $-60^\circ\text{C} \sim 60^\circ\text{C}$ , 20%  $\sim$  90% (DC)  $-40^\circ\text{C} \sim 60^\circ\text{C}$ , 20%  $\sim$  90% (PoE)
- other value-added features MFZ, ePTZ, EN50130-4

## software

# AVer FB3028-RTM 3M Rugged Series Bullet IP Camera with True WDR

- 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

**Price: £799.00**

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