

# ZDMR2023

## 2MP MHD Camera

### Features

- Max 30fps@1080P
- HD and SD output switchable
- 3.6mm fixed lens (6mm optional)
- Max. IR length 20m, Smart IR
- DC12V



### Specification

#### Technical Specification

##### Camera

Image Sensor	1/2.7" CMOS
Effective Pixels	1920(H)×1080(V), 2MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.02Lux/F2.0, 0Lux IR on
S/N Ratio	More than 65dB
IR Distance	Up to 20m (66feet)
IR On/Off Control	Auto / Manual
IR LEDs	12

##### Lens

Lens Type	Fixed lens / Fixed iris
Mount Type	Board-in
Focal Length	3.6mm (6mm Optional)
Max Aperture	F2.0
Angle of View	H: 89.9° (59.4°)
Focus Control	N/A
Close Focus Distance	600mm (1800mm) 23.62" (70.87")

##### Pan / Tilt / Rotation

Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°
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##### Video

Resolution	1080P (1920×1080)
Frame Rate	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output / CVBS video output (Can switch)
Day/Night	Auto (ICR) / Manual
OSD Menu	Multi-language
BLC Mode	BLC / HLC / DWDR
WDR	DWDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto / Manual
Smart IR	Auto / Manual

#### Certifications

Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
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#### Interface

Audio Interface	N/A
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#### Electrical

Power Supply	12V DC ±25%
Power Consumption	Max 2.8W (12V DC, IR on)

#### Environmental

Operating Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH * Start up should be done at above -40°C (-40°F)
Storage Conditions	-40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH
Ingress Protection & Vandal Resistance	NA

#### Construction

Casing	Plastic
Dimensions	Φ85.4mm×69.1mm(Φ3.36"×2.72")
Net Weight	0.11kg (0.24lb)
Gross Weight	0.17kg (0.37lb)

### Dimensions (mm/inch)

