

# ZDMR1023

1MP MHD Camera

## Features

- Max 30fps@720P
- HD and SD output switchable
- 3.6mm fixed lens (2.8mm optional)
- Max. IR length 20m, Smart IR
- DC12V

## Specification

Technical Specification	
Camera	
Image Sensor	1/4" CMOS
Effective Pixels	1280(H)×720(V), 1MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s
Minimum Illumination	0.05Lux/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 (2.8mm Optional)
Max Aperture	F2.0
Angle of View	H: 60° (83.4°)
Focus Control	N/A
Close Focus Distance	600mm (500mm) 23.6" (19.69")
Pan / Tilt / Rotation	
Pan/Tilt/Rotation	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360°
Video	
Resolution	720P (1280×720)
Frame Rate	25/30fps@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 subpart B, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
----------------	--

## Interface

Audio Interface	N/A
-----------------	-----

## 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)

