



TWH-23UIW

2 MP Fixed mini Bullet Camera, technology Colour in the Dark (CID) provides 24/7 colourful images, 4-in-1, IP67.

High quality imaging with 2 MP, 1920 × 1080 resolution
 24/7 colour imaging with F1.0 aperture
 Clear imaging against strong back light due to 130 dB true WDR technology
 3D-DNR technology delivers clean and sharp images
 2.8 mm fixed focal lens
 Up to 20 m white light distance for bright night imaging
 One port for four switchable signals (TVI/AHD/CVI/CVBS)
 Water and dust resistant (IP67)

Camera

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|--------------------------|----------------------------------------------------------------------------------------------------|
| Image Sensor | 2 MP CMOS |
| Signal System | PAL/NTSC |
| Resolution | 1920 (H) × 1080 (V) |
| Frame Rate | TVI: 1080p@25 fps/30 fps CVI: 1080p@25 fps/30 fps AHD: 1080p@25 fps/30 fps CVBS: PAL/NTSC |
| Min. Illumination | 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white Light |
| Shutter Speed | PAL: 1/25 s ÷ 1/50,000 s; NTSC: 1/30 s ÷ 1/50,000 s |
| Slow Shutter | Max. 16 times |
| WDR (Wide Dynamic Range) | ≥130 dB |
| White Light Range | Up to 20 m |
| Light Alarm | Solid Light Alarm (White Light) |
| Day & Night | Colour |
| Angle Adjustment | <i>Pan:</i> 0° ÷ 360°; <i>Tilt:</i> 0° ÷ 90°; <i>Rotation:</i> 0° ÷ 360° |

Lens

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|------------|-------------------------------------------------------------------------------------------------------------------|
| Lens Type | Fixed focal lens, 2.8 mm |
| FOV | <i>Horizontal field of view:</i> 98° <i>Vertical field of view:</i> 52° <i>Diagonal field of view:</i> 116° |
| Lens Mount | M12 |

Menu

| | |
|-------------------------|------------------------------------------------------------------------------------------------|
| White Light | Auto/Off |
| Image Mode | STD/HIGH-SAT/HIGHLIGHT |
| AGC | Yes |
| Day/Night Mode | Colour |
| White Balance | Auto/Manual |
| AE (Auto Exposure) Mode | WDR, BLC, HLC, Global, HLS |
| Privacy Mask | 4 programmable privacy masks |
| Motion Detection | 4 programmable motion areas |
| Noise Reduction | 3D-DNR/2D-DNR |
| Language | English |
| Function | Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light |

Interface

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|--------------|-----------------------------|
| Video Output | Switchable TVI/AHD/CVI/CVBS |
| Audio in | Built-in microphone |

General

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|----------------------|------------------------------------------------------------------------------------------------|
| Operating Conditions | -40 °C ÷ +60 °C (-40 °F ÷ +140 °F), humidity 90% or less (non-condensing) |
| Power Supply | 12 Vdc ± 25% |
| Consumption | *You are recommended to use one power adapter to supply the power for one camera Max. 4.2 W |

Protection level

IP67

Material

Metal

Dimension

161.1 × 70 × 70 mm (6.34" × 2.76" × 2.76")

Weight

Approx. 388 g (0.86 lb)

