

## MC-2BL-F28/36-SA



### 2MP Mobile HD-Coax Bullet Camera



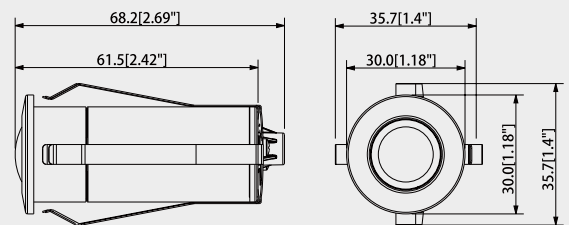
### System Overview

Experience full HD 1080P/ HD 720P mobile video surveillance solution with the simplicity of analog infrastructure. The mobile camera is designed with shock-proof property and compact case, which makes it easy to apply and harmonious with the surroundings. It offers high quality image as well as multi-language OSD. Plus, taking advantage of the HD-Coax system, the real-time capability is well guaranteed.

### Features

- Max 30fps@1080P
- HDCVI output (Aviation connector)
- 2.8mm fixed lens (3.6mm optional)
- IP67, DC12V
- Shock-proof

### Dimensions(mm/inch)



### Functions

#### Elaborate Design

For better adapting the applications for vehicles, the mobile camera is designed with micro-sized compact case, which minimizes the interference against on-going activities. Taking aesthetics requirements into consideration, the body and front face of the camera is all-black.

#### Shock-proof

Vibration is inevitable in mobile applications. In order to avoid image or connection failure, the hardware structure of the mobile camera is shock-proof with the certification of EN50155. Plus, the mobile camera adopts M12 aviation connector for stable connection with MCVR.

#### Simplicity

HD-COAX technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. The plug and play approach enables full HD video surveillance without the hassle of configuring a network. HD-COAX system can seamlessly upgrade the traditional analog system without replacing existing cabling.

#### 4 Signals over 1 Coaxial Cable

HD-COAX Mobile Camera supports 4 signals to be transmitted over 1 cable simultaneously, i.e. video, audio\*, data and power. Dual-way data transmission allows the HD-COAX camera to interact with the HCVR, such as sending control signal or triggering alarm.

\* Audio input is available for some models of HD-COAX cameras.

#### Protection

The camera's outstanding reliability is unsurpassed due to its rugged design. The camera is protected against water and dust with IP67 ranking, making it suitable for indoor or outdoor environments. With working temperature range of -40 °C to +80 °C (-40 °F to +176 °F), the camera is designed for extreme temperature environments. Supporting ±25% input voltage tolerance, this camera suits even the most unstable power supply conditions. Its 4KV lightning rating provides protection against the camera and its structure from the effects of lightning.



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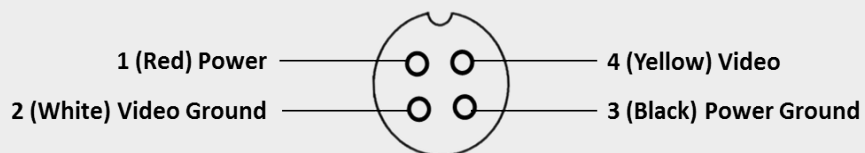
Technical Specification		
<b>Camera</b>		
Image Sensor	1/2.9" CMOS	
Effective Pixels	1920(H)×1080(V), 2MP	
Scanning System	Progressive	
Electronic Shutter Speed	PAL: 1/25~1/100000s NTSC: 1/30~1/100000s	
Minimum Illumination	0.02Lux/F2.0 (Color), 0.002Lux/F2.0 (B/W)	
S/N Ratio	More than 65dB	
<b>Lens</b>		
Lens Type	Fixed lens / Fixed iris	
Mount Type	Board-in	
Focal Length	2.8mm (3.6mm Optional)	
Max Aperture	F2.0	
Angle of View	H: 109.4° (117.8°/92°)	
Focus Control	N/A	
Close Focus Distance	500mm (400mm/800mm) 19.69" (15.75"/31.50")	
<b>DORI Distance</b>		
<p>Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.</p>		
	<b>DORI Definition</b>	<b>Distance</b>
Detect	25px/m (8px/ft)	2.1mm: 34m(113ft) 2.8mm: 40m(131ft) 3.6mm: 51m(169ft)
Observe	63px/m (19px/ft)	2.1mm: 14m(45ft) 2.8mm: 16m(52ft) 3.6mm: 21m(68ft)
Recognize	125px/m (38px/ft)	2.1mm: 7m(23ft) 2.8mm: 8m(28ft) 3.6mm: 10m(34ft)
Identify	250ppm (76px/ft)	2.1mm: 3m(11ft) 2.8mm: 4m(13ft) 3.6mm: 5m(17ft)
<b>Pan / Tilt / Rotation</b>		
Pan/Tilt/Rotation	N/A	
<b>Video</b>		
Resolution	1080P (1920×1080)	
Frame Rate	PAL:1920×1080@25fps, 1280×720@25/50fps; NTSC:1920×1080@30fps, 1280×720@30/60fps	
Video Output	1-channel BNC HDCVI high definition video output (Aviation connector)	
Day/Night	Auto (Electronic) / Manual	
OSD Menu	Multi-language	
BLC Mode	BLC / HLC / DWDR	

WDR	DWDR
Gain Control	AGC
Noise Reduction	2D
White Balance	Auto / Manual
<b>Certifications</b>	
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) EN50155 (EN50121-3-2, IEC61373)
<b>Interface</b>	
Audio Interface	N/A
<b>Aviation Connector Interface</b>	
1 Red	Power
2 White	Video ground
3 Black	Power ground
4 Yellow	Video
<b>Electrical</b>	
Power Supply	12V DC ±25%
Power Consumption	Max 0.6W (12V DC, IR on)
<b>Environmental</b>	
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	IP67
<b>Construction</b>	
Casing	Aluminium
Dimensions	Φ30mm×68.2mm (Φ1.18"×2.69")
Net Weight	0.07kg (0.15lb)
Gross Weight	0.11kg (0.24lb)

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### Aviation Connector



### Installation

#### Wall Mount

