2.1MP Varifocal HD Mini-Dome Camera

Features That Make a Difference:

- 1/2.7” 2.1 Megapixel CMOS
- 25/30fps@1080P, 25/30/50/60fps@720P
- High speed, long distance real-time transmission
- HD and SD dual-output
- OSD Menu, control over coaxial cable
- WDR (120dB), Day/Night (ICR), AWB, AGC, BLC, 3DNR
- 2.7~12mm motorized lens
- Max. IR LEDs length 30m, Smart IR
- IP67-rated environmental protection
- IK10-rated for vandal resistance
- 24VAC, DC12V

Excellent Alternative to IP Domes

American Dynamics 2.1 MP HD-CVI Mini-Dome Cameras provide a true alternative to IP cameras. The cameras provide up to 1080p video resolution (1920 x 1080) in an uncompressed format over the same coaxial cable that is used for standard CCTV cameras.

This uncompressed video format can transmit over long distances without latency and bandwidth issues. Additionally, HD-CVI uses a single coaxial cable to transmit video, audio and control (OSD or PTZ) instead of requiring separate cables for each transmission.

The camera has a 2.7-12mm motorized lens and Smart Infrared for recording over 196 feet away in total darkness.

The IR mini-dome is vandal-resistant and waterproof, and features WDR making it an ideal solution for applications with volatile weather or lighting conditions.

Part of a Cost-Effective Video Solution

The American Dynamics HD Mini-Dome Camera leverages existing cabling to provide a very cost-effective high resolution video solution. In most cases, HD-CVI is a more cost-effective solution than older analog CCTV technology and is far less expensive than HD-SDI or IP technology.

Combined with the new Holis Tribrid recorders, users can combine HD and CCTV cameras on their system, allowing them to upgrade their system over time while protecting their initial CCTV investment.
## Specifications

### Camera
- **Image Sensor**: 1/2.7” 2.1 Megapixel CMOS
- **Effective Pixels**: 1928(H) x 1088 (V)
- **Electronic Shutter**: 1/3s – 1/300,000s
- **Video Frame Rate**: 25/30/50/60fps@720P; 25/30fps@1080P
- **Synchronization**: Internal
- **Mini. Illumination**: 0.03Lux/F1.4, 0Lux IR on
- **Video Output**: 1-channel BNC HDCVI high definition video output & CVBS standard definition video output

### Camera Features
- **Max. IR LEDs Length**: 30m, Smart IR
- **Day/Night**: Auto ICR/ Color / B/W
- **Backlight Compensation**: 120dB True WDR
- **Noise Reduction**: 2D/3D
- **OSD Menu**: Multi-language

### Lens
- **Focal Length**: 2.7 – 12mm
- **Angle of View**: H: 99°–37°
- **Lens Type**: Motorized/Fixed Iris
- **Mount Type**: Ø 14

### General
- **Power Supply**: 24VAC, DC12V ± 25%
- **Power Consumption**: Max 5W
- **Working Environment**: -30° C – +60° C / 22° F – 140° F / Less than 95%RH (no condensation)
- **Transmission Distance**: Over 500m via 75-3 coaxial cable
- **Ingress Protection**: IP67
- **Dimensions (W x D x H)**: Ø 122mm x 89mm (4.8 x 3.5 in)
- **Weight**: 0.45kg (.99lbs)
- **Material**: Metal

### Ordering Information

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<td>2.1MP 1080P Vandal-proof IR Mini-Dome Camera with 2.7-12MM Motorized Varifocal Lens</td>
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<table>
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<th>Accessories</th>
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<tr>
<td>PFB203W</td>
<td>Waterproof Wall Mount</td>
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<td>PFA137</td>
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<td>PFA152</td>
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## Related Products
- **Holis Tribrid Recorders**
- **HD cameras**

## Approvals

![FDA, CE, FCC, cUL, Listed]