

# Standard

## 700TVL DIS IR Vandal-Proof Dome Camera



### Features That Make a Difference:

- Sleek and compact design
- DIS sensor
- Auto white balance, auto gain control and electronic shutter control
- OSD menu
- IR cut filter with auto switch
- Built-in microphone
- Internal Synchronization
- 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum surveillance angles and positions
- Ingress Protection: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 50J; EN50102, up to IK07

The Illustra Standard 700TVL DIS IR Dome Camera, Model ADC-AD114-36 is an outstanding camera for mobile video surveillance applications. This sleek and compact camera by American Dynamics packs many practical and performance enhancing features in a vandal-proof case.

### Superior Image with DIS Sensor

The camera incorporates a DIS sensor for delivering superior image quality and performance compared to conventional analog cameras. The 1/3" DIS sensor also allows for superior image stability which is vital for video surveillance on the move. High quality images are delivered with horizontal resolution of up to 700 TVL.

### Ultra Low Light Performance

An ICR or Infrared Cut Filter Removal with auto-switch helps the camera adapt to low light conditions.

The minimum illumination is 0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR. The IR range of the camera is up to 20 m.

Functions such as D-WDR support, Auto White Balance, Auto Gain Control, and Electronic Shutter Control help achieve superior image performance and detail in challenging light conditions.

### Designed for Surveillance on the Move

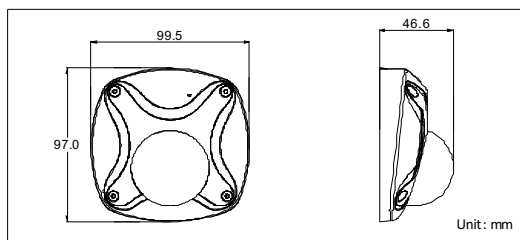
Cameras mounted on moving vehicles such as buses, cars and trains must be designed to perform reliably in difficult working environments. While being discrete, they must also cover the desired surveillance areas. The Camera's 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum surveillance angles and positions. It is designed to consume minimum power and works stably from -40°C to 60°C. Most importantly, this camera has IP66 level Ingress Protection and has been tested extensively in impact tests with up to IK07 Impact Protection.

## Specifications

### ADC-AD114-36

Camera	
Image Sensor	1/3" DIS sensor
Signal System	PAL/NTSC
Effective Pixels	976 (H) × 496 (V)
Min. Illumination	0.1 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter speed	PAL: 1/50 s to 1/100,000 s NTSC: 1/60 s to 1/100,000 s
Lens	3.6 mm @ F2.2 (2.8mm, 6mm, 8mm, 12mm optional) Angle of view: 68.4° (3.6 mm)
Lens Mount	M12
Angle Adjustment	Pan: ± 30°, Tilt: 0 - 80°, Rotation: ± 180°
Day & Night	IR cut filter with auto switch
Horizontal Resolution	700 TVL
Synchronization	Internal synchronization
S/N Ratio	More than 62 dB
Menu	
Auto Gain	Low/Middle/High/Off
D/N Mode	Auto / Color / B/W / SMART
White Balance	Auto 1/Auto 2
D-WDR	Low/Middle/High/Off
Motion Detection	On/Off, maximum 6 zones
Language	English
Function	Brightness, Contrast, Saturation, Sharpness, NR, Mirror
Interface	
Video Output	1Vp-p composite output (75 Ω/Aviation plug)
Audio In	1 Built-in Microphone
Audio Output	1-ch audio interface(Aviation plug)
General	
Working Temperature/Humidity	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 90% or less (non-condensing)
Power Supply	12 V DC ± 10%
Power Consumption	Max. 2W (Max. 4W with IR cut filter on)
Ingress Protection	IP66
IR Range	Up to 20 meters
Impact Protection	IEC60068-2-75 test, Eh, 50J; EN50102, up to IK07
Dimensions	97 × 46.6 × 99.5mm (3.82" × 1.83" × 3.92")
Weight	300 g(0.66 lbs.)

### Dimensions



### Ordering Information

SKU No.	Illustra Model	Description
ISL01CFICWIY	ADC-AD114-36	700 TVL, 1/3" DIS, 20m IR distance, Smart IR, Built-in mic, IP66 (3.6 mm @ F2.2)

### Related Products



Illustra Standard Mobile DVR

### Approvals



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