

Specifications

Operational

Imager	1/3" Sony Super HAD-II image sensor
Horizontal Resolution	700 TVL
Active Pixel Count (H x V)	
NTSC	976 x 494
PAL	976 x 582
Lens (Varifocal Auto Iris)	2.8-10mm: F1.2 or 9-22mm: F1.4
Scanning Frequency	2:1 Interlace
Min. Scene Illumination	0.55 Lux (50IRE, F=1.4, AGC max.)
Iris Control	DC auto
S/N Ratio	48 dB (100 IRE)
Synchronization	Internal
Shutter Speed	MES 1/60 (NTSC)/MES 1/50 (PAL), FLK, 1/250-1/100000, Auto

Controls

AGC	Low, Middle, High, Off
AGC Dynamic Range	70 IRE-100 IRE
AES	Auto luminance control 1/60-1/100000 sec. max. (NTSC) Auto luminance control 1/50-1/100000 sec. max. (PAL)
BLC	2 Zone On, Off, HLC
White Balance	Auto
Auto White Balance Range	ATW1 (1800K-10500K), ATW2 (6500K-10500K), ATW, Manual, Push, Push Lock, User 1, 2
D/N Control	Auto, Color, B/W, Ext
Brightness	0-255 Level
Sharpness	0-31 Level
DWDR	On, Off
Noise reduction	On, Off
Privacy Zones	15 programmable
Mirror	On, Off
On-screen Display	On, Off

Connectors

Composite Video Output	BNC
Lens Mode	DC, Manual

Electrical

Voltage	DC 12V $\pm$ 10% and AC 24V $\pm$ 20%
Power Consumption	2.6W (max.)

Mechanical

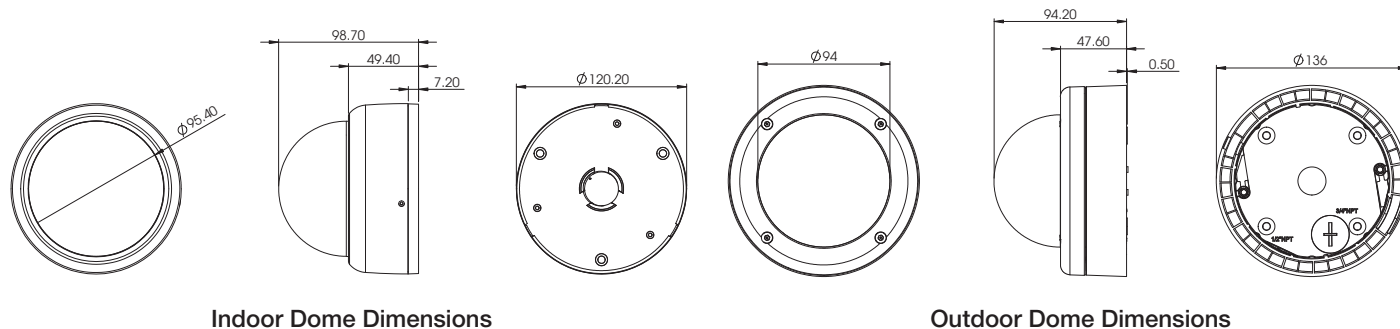
Dimensions (D x H)	
Indoor	120.2 x 98.5 mm (4.7 x 3.9 in)
Outdoor	136 x 94.2 mm (5.35 x 3.7 in)
Weight	
Indoor	250g (0.551lbs)
Outdoor	530g (1.17lbs)
Housing Material	Polycarbonate
Housing Color	
White	RAL 9003, Pantone® 705
Black	RAL 9017, Pantone Processed Black

Environmental

Operational Temperature	
Without Optional Heater	-10°C to 50°C (14°F to 122°F)
With Optional Heater	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	90% (non condensing)

Regulatory

IP Rating	IP66
Emissions	FCC: Part 15, Class A CE: EN55022, Class A
Immunity	CE: EN50130-4
Safety	NTSC: UL60950-1 and CSAC22.2 No. 60950-1 PAL: IEC60950-1 RoHS Compliant



Ordering Information

Brand	Camera	Series	Dome	Color	Environment	Bubble	Lens	Format
AD	CA	35	D	W = White B = Black	I = Indoor O = Outdoor	T = Tinted C = Clear	4 = 2.8-10mm Varifocal 3 = 9-22mm Varifocal	N = NTSC P = PAL

Accessories

Model	Description
ADCAHTRV	Heater Kit for Outdoor Mini-Dome

Related Products



Approvals



www.americandynamics.net