

# Effectus Range

Enhanced Fully Featured Engineered CCTV Technology Ultimate Sensor



Vari-Focal Model



IP66



IK6



Fixed Lens Model

## Technology

Using mega pixel sensor, to achieve a potential resolution of 900TVL. With optional OSD control for settings and functions, these excellent value cameras are suitable for all conditions installations. With two size models in each design shape, vari-focal or fixed lens model, to offer the simplest out the box ready to go solutions. With added bonus being selectable from PAL or NTSC via the OSD.

## Selling Points

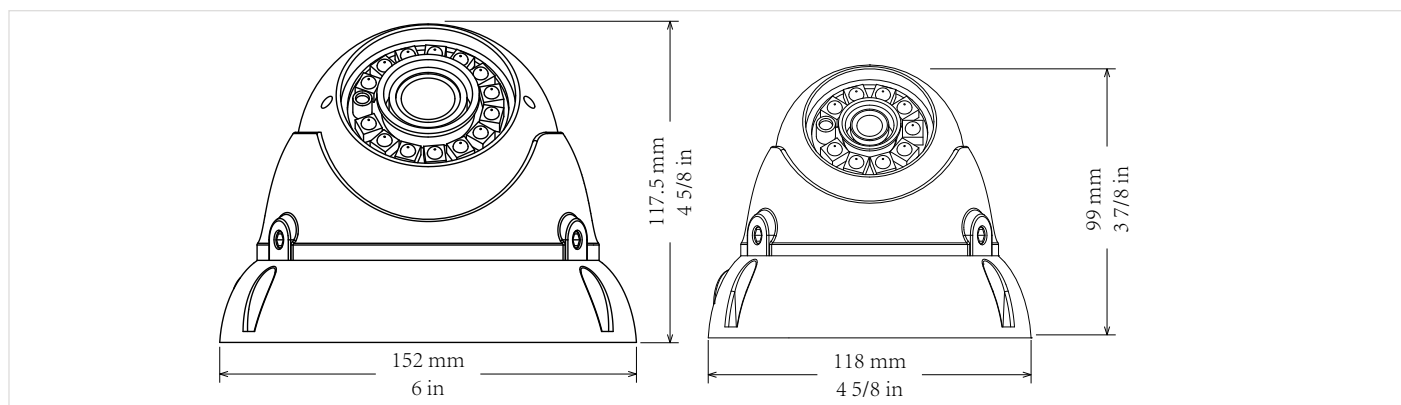
**Mega Pixel Sensor**  
**OSD Menu Control**  
**Colour Perfect Images**  
**3D Noise Reduction**  
**PAL / NTSC Switchable**

## OSD Settings

**Sharpness Details**  
**Zone Masking Control**  
**Digital Noise reduction control**  
**Contrast, Saturation adjustment**  
**Motion Detection**

A host of extras. Like Electronic Shutter, Auto White Balance, Video Sharpness, Black Calibration, pattern noise reduction, auto defect correction. etc.

## CAD Dimensions



## Technical Specifications

MODEL	SN-IRC13/40ATVD	SN-IRC13/40AUVD
Power source	Regulated 12VDC	
Power Consumption	100mA IR LED off	
IR LED	10pcs Superflux 1.6W IR Distance 15-20M	15pcs Superflux 2.4W 25-35M
Scanning system	Progressive Scan Sensor	
Scanning frequency	NTSC 15.734KHz(H),59.95Hz (V) / PAL 15.625KHz (H), 50Hz (V)	
Effective Pixels	1305(H) x 1049(V)	
Resolution	900TVL	
OSD Control	Optional Control via cable	
White Balance	AWB Temporal / AI ec.	
Noise Reduction	3D	
Sync System	Internal	
Min. Illumination	0.01 Lux (AGC On, IE Off) / 0 Lux with IR LED On	
Video output	1.0 Vp-p (75Ω , composite)	
S/N Ratio	More than 52dB (AGC OFF)	
Video output	BNC Connector 1.0Vp-p PAL / NTSC	
Lens mount	Fixed mount	
Lens	3.6mm Fixed	2.8-12mm Vari-Focal
Operating temperature	-10°C ~ +50°C / -40°F ~ 122°F	
OSD Functions		
Supported Languages	English, Chinese	
Picture Adjustment	Sharpness Detail (0-15) Contrast (0-255) Saturation (0-15) Brightness (0-50)	
Digital Noise Reduction	On / Off	
Display Mirror option(s)	Mirror / Flip	
Privacy Masking	8 User defined Zones with Color Select	
Motion Detection	4 User defined Area Windows	
Backlight	Yes	
Exposure Modes	Global, Center, Center weight, Back Light, Front Light, Distinguished	
GENERAL		
Temperature	Operating: 14°F to 131°F (-10°C to 55°C) Storage: -4°F to 140°F (-20°C to 60°C)	
Operating Humidity	10% - 85% RH	
Approvals	CE / FCC / RoHS Compliant / IP66 / IK6	
Product Dimensions	194mm x 62mm ( 7.7" x 2.4" )	226mm x 77mm ( 8.9" x 3" )
Product Weight	400g (0.88lb)	780g (1.6lb)