

## HD Format sCMOS 24 Hour Camera



- The high resolution, HD format camera.
- Operates as a normal CCD camera; no danger of image burn, unlike intensified CCD cameras or EBCMOS cameras.
- Provides a high resolution low light performance.
- Both a price and performance alternative for those camera types.
- Available as either a monochrome or colour version.
- Available for new systems or as an upgrade replacement.
- The single camera that is truly able to provide quality images from Sunlight down to Starlight.



Daylight

to



Overcast Starlight

Key Features and Benefits	
Resolution	1920 x 1080 active pixels
Format	2/3 inch HD format
Unique readout rate	Providing excellent imaging of moving objects
Frame Rate	30fps and 60fps
Control	Auto (plug and play) or Manual with full camera control
Wide Dynamic Range	Imaging of bright regions in an otherwise dark scene
Exceptional Low Light Imaging	Enables imaging in widely varying conditions, Sunlight to Starlight
Image Readout	Camlink or USB3 or HD-SDI (customer specified at time of ordering)

# Technical Specifications

## General Data

Input Voltage:	12Vdc
Power:	4.5W typical cooled 2.2W typical uncooled
Mass:	<0.190kg (Housed)

## Mechanical Dimensions

Round Mono-body camera

Length:	70mm
Diameter:	46.5mm

## Environmental Data

Temperature Range

Operating:	-30°C to +60°C
Storage:	-40°C to +70°C
Shock:	Details on request
Vibration:	Details on request

## Optical Data

Lens Fitting:	C-mount (custom fittings on request)
CCD Type:	sCMOS Monochrome sCMOS Colour Customer specified at time of order
Active Pixels:	1920 (H) x 1080 (V)
Output:	Monochrome or Colour subject to camera type ordered
Image Readout:	CamLink, USB3 or HD-SDI Customer specified at time of order
Frame Rate:	30 fps or 60 fps

## Operation

Camera is automatic in operation and includes the DVS gain management system providing the optimum image over a full 24 hr period.

## Manual Control Operation

Manual control of camera functions

## Options

1. Customer specific configurations
2. Customer specific housing
3. Available in modular form
4. Lenses available on request

### DVS Mini High Resolution 24 Hour Camera.

