



Hawk HD Format sCMOS 24 Hour Camera



DVS HAWK

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.
- 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.

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 via USB3
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	HD-SDI

Technical Specifications

General Data

Input Voltage:	12Vdc
Power:	4.5W maximum
Cooling	Passive
Housing	Sealed IP66
Mass:	<0.30 kg (Housed)

Operation

Camera is automatic in operation providing the optimum image over a full 24 hr period.

Mechanical Dimensions

Length:	79mm (inclusive of C-mount)
Height::	55mm
Width:	55mm

Manual Control Operation

Manual control of camera functions

Environmental Data

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

Options

1. Customer specific configurations
2. Customer specific housing
3. Available in modular form
4. Lenses available 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:	HD-SDI
Frame Rate:	30 fps or 60 fps

Connections

Power	Hirose
Output	BNC
Control	USB3

