

## Ultra Miniature HD Camera



### Features:

- Smallest HD-SDI camera (Only 39 x 39 x 19mm)
- 1080P (1920x1080) @ 30fps
- HD-SDI, TSC or PAL Video Output
- 2.1 Mega Pixel 1/3" CMOS Sensor
- 16:9 HD and SD output
- Weight Only 80 grammes
- Auto and manual white balance
- Auto & manual electronic shutter
- Motion Detection
- Range of lenses
- RS-485 Communication

This camera has many suitable applications in the following industries including:

- Broadcast
  - Natural History
  - In Car, On Bike, Etc
  - Body worn
  - Covert Camera
- Medical
  - Patient monitoring
- Homeland Security
  - Body worn
  - On vehicle
  - Aerial including UAV
  - Covert Camera
- Police
  - Body worn
  - On vehicle
  - Covert Camera
- Industrial
  - Inspection
  - Process Monitoring
- CCTV

SeeSense are pleased to introduce the smallest High Definition camera in its range yet (only 39 x 39mm) having 1920 x 1080 output pixels (16:9 ratio).

This miniature camera is switchable between 1080p, 720p, PAL and NTSC with HD-SDI BNC type output.

The camera can accept interchangeable lenses two of which are currently known to be "Megapixel". SeeSense offers the camera fitted with a 3.7mm 71° lens as standard.

Contact SeeSense for details.

## Specification

Power	12 V DC $\pm 10\%$ Max. 160mA
Image Sensor	1/3" Progressive Scan CMOS
Output Pixels	1920 (H) x 1080 (V)
Effective Pixels	1984 (H) x 1105 (V)
Scanning System	Progressive (1080p & 720p)
S/N Ratio	>50dB (AGC Off)
Min. Illumination	0.1 Lux / F2.0
Frame Rate	30 fps (1080p), 60 fps (720p)
Video Signal	HD-SDI
Output	1.0 Vp-p Composite (75 $\Omega$ )
Dimensions	39 x 39 x 19mm (excl. lens)
Weight	80 grammes
Operating Temp.	-10°C - +50°C
Storage Temp.	-20°C - +60°C
Humidity	

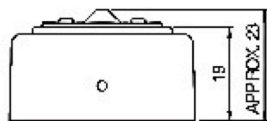
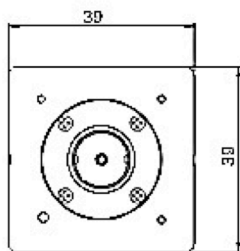
## Specification Features

Shutter Modes	Auto / Manual Selectable
Gain	Off / 0-23dB
White Balance	Auto / Manual / Push-Lock
Dynamic Range	OFF / WDR / BLC Selectable
Back Light Compensation	OFF / WDR / BLC Selectable
Digital D/N	Off / Low / Mid / High
Digital Zoom	1x - 20x
Slow Shutter	Off, x2, x3, x4
Privacy Masking	On / Off
Motion Detection	On / Off
On Screen Display	Built-in with Joystick
Remote Control	RS485

## Lenses

3.7mm 3MP 71° Lens (standard)  
8mm 1.3MP 33° Lens

Contact SeeSense for other lenses



Rev: 2.22.0212 E&OE