



# indieDICE

TINY 3G-HDSI CAMERA  
GLOBAL SHUTTER / 60P / 12 STOPS DR



**indieDICE** is our latest amazingly small global shutter HDSDI camera. It is based on a global shutter sensor of the latest generation with 12 stops dynamic range and low noise.

The camera is fully self-contained and does not need a CCU for operation and control. Everything is integrated in the tiny body. Two HD-BNC connectors output pristine HDSDI signals in YUV 4:2:2 and RAW. A third HD-BNC connector accepts Trilevel-Sync Genlock signals for easy synchronisation of multiple cameras.

**indieDICE** can be controlled via standard RS485 bus. A wireless remote control is available.

It is especially well suited for broadcast application due to its Multi-Matrix Color-Control feature. With this shading function, matching multiple cameras in a live broadcast environment is a breeze and conforms to industry standards.

**indieDICE** is the ideal module for compact and elaborate Virtual-Reality camera systems. It is available in angled and OEM versions and can be mechanically positioned very close together in every conceivable arrangement. Full synchronisation, global shutter, 60fps and wireless remote control enable streamlined production workflows and facilitate stitching and VR-post-production.

## TechSpecs

|                        |  |  |
|------------------------|--|--|
| <b>SENSOR</b>          | Size<br>Resolution<br>Readout<br>Shutter<br>Pixel Size<br>A/D Converter<br>Sensitivity | 1/12"<br>1920 x 1080<br>Progressive & Interlaced<br>Global<br>5.86<br>12 Bit<br>400 ASA  |
| <b>GENLOCK MOUNT</b>   | Trilevel Sync<br>C-mount<br>PL-mount   | Master/Slave swithcable<br>standard<br>optional  |
| <b>MODES</b>           | YUV 4:2:2 10 bit   | 1080p24 / 1080p25 / 1080p30<br>1080p50 / 1080p60 / 1080p23.98<br>1080p29.97 / 1080p59.94<br>1080i50 / 1080i59.94 / 1080i60<br>1080p24 / 1080p25 / 1080p30<br>1080p50 / 1080p60 / 1080p23.98<br>1080p29.97 / 1080p59.94 |
| <b>INTERFACES</b>      | 3G HD-SDI<br>Genlock-In<br>Power + RS-485<br>AUX connector<br>Status LED               | 2x HD-BNC<br>HD-BNC<br>Hirose<br>Hirose<br>RGB   |
| <b>SYSTEM FEATURES</b> | Gamma<br>White Balance<br>Colour Space YUV<br>Colour Space RAW<br>Profiles             | Standard & Custom LUTs<br>Auto/Manual<br>REC 709<br>RGB 4:4:4<br>User Profiles can be stored<br>Auto start with last settings<br>Restore Factory Defaults  |
| <b>POWER</b>           | Auto-Control<br>Timecode-Out<br>Voltage<br>Consumption                                 | Auto-Shutter<br>Auto-Gain<br>via AUX connector (I2C, UART, Power)<br>embedded in SDI<br>6 - 36 V DC<br>3.5 W   |
| <b>DIMENSIONS</b>      | Size w/o lens<br>Weight w/o lens   | 32x32x65mm<br>approx. 120g   |
| <b>ENVIRONMENTAL</b>   | Operation<br>Storage   | 0 - 55 °C, 10 - 90 % RH<br>-20 - +70 °C, 10-90 % RH  |

