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micro2 ULTRACOMPACT MULTIFORMAT CMOS HDTV CAMERA

micro2 is a high definition multiformat point-of-view camera. Its small size, the low power dissipation and the rugged design allows the versatile use in various applications.

The added value offered by this tiny "all-in-one" camera includes the ease of use, the functional integration and reduced system cost.

Applications

Broadcast

The stunning image quality, the small size and the remote control capability are making this camera the perfect match for a variety of events, like

- sports
- live entertainment
- helmet camera
- newscopter

- reality TV
- steadicam

Film

The RAW-data output of this little camera provides even more image quality, especially for film production area:

- special effects camera
- action camera

3D shooting

The ultra compact design of the micro2 camera and the genlock capability are perfectly suited for stereo and multiview shootings. The small size allows also side by side rig mounting for 3D shootings.

Scientific imaging / diagnostics

The whole design can be customized for special application requirements so the camera can be used underwater or even for space shooting.



Technical Data

Image sensor

2/3" single chip CMOS sensor

Resolution

2048 x 1080 pixels

Formats

NTSC / PAL, 4:3 / 16:9

720p @ 50, 59.94, 60 Hz

1080i @ 50, 59.94, 60 Hz

1080p @ 23.98, 24, 25, 29.97, 30 Hz

Control interface

RS-485 serial interface

Image processing

- Gain adjustable between -6 and +18 dB
- Manual and automatic white balance
- Gamma presets and custom user set-ups
- Manual and automatic electronic shutter

Audio

Microphone input

Audio embedder

AGC

Video output

SDI OUT (SMPTE 259/292)

Physical

Power supply: 9-36 V, 4 W

Weight (without lens): 200 g

Size (without lens):

44 mm x 44 mm x 87 mm

Extensions

- Genlock sync input
- Compression H.264
- ASI-output
- Recording on CF-card
- G-Force sensor

1 Goalcam

2 Sleigh onboard setup