

Revolutionary ultra-compact HD camera
Outstanding multi-format performance all in one box!



CUNIMA MCU[1] – highest performance, ultra-compact design

In the case of the MCU[1], outer dimensions of just 33.5 x 38 x 111.5 mm provide enough space for a complete HD/SD multi-format camera – hence, an external camera control unit is history, now.

The latest CMOS chip technology and the globally renowned know-how of the German 'Fraunhofer Institut' for integrated circuits allow for professional HD operations at a total weight of just 182g and an incredible maximum power consumption of 3W!

With its innovative features, such as simply replaceable glass filters directly in the C-mount, optional motor drive for zoom/focus/iris and an Automatic Gain Control (AGC), the MCU[1] represents a truly flexible and uncomplicated production tool ...

MCU[1] is your perfect partner for sports, entertainment show, reality – you name it!

The MCU[1]'s modular accessory concept permits a continuous and flexible adaptation of the camera to the respective production requirements. In this area, the wealth of experience gathered by the globally leading TV production expert, WIGE MEDIA AG, over the course of many years was incorporated – and the same applies to your individual demands.

CUNIMA MCU[1] key features

- ▶ Revolutionary, compact design.
- ▶ No external Camera Control Unit required.
- ▶ Multi-format scanning system, native HD and SD (4:3, 16:9 switchable) signal generation.
- ▶ Only 3W of power consumption.
- ▶ Electronic shutter, programmable gamma LUT's.
- ▶ Universal remote control via RS-485.
- ▶ Automatic Gain Control (AGC).
- ▶ Modular and flexible accessories.

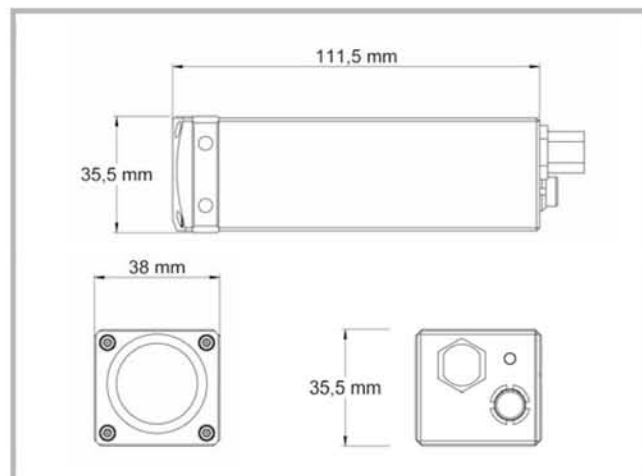
Revolutionary ultra-compact HD camera
Outstanding multi-format performance all in one box!

TECHNICAL DETAILS

Image Sensor	2/3" CMOS Chip 1920 x 1080 pixel, progressive scan
Lens Mount	C-Mount other mounts on demand interchangeable glass filters
Lens Control	optional motor drives for Iris, Zoom and Focus
Scanning Systems	1080p / 23.98, 24, 25, 29.97, 30Hz 1080i / 50, 59.94, 60Hz 720p / 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz 525i / 59.94Hz* , 4:3/16:9 switchable 625i / 50Hz* , 4:3/16:9 switchable * native SD-format, w/o down-conversion
Gamma	On/Off, user definable LUT's
White Balance	Manual adjustment, user definable presets
Black Balance	Manual adjustment, user definable presets
Saturation	Manual adjustment, user definable presets
Gain	Automatic Gain Control (AGC) user-definable gain -3dB, 0dB, +6dB, +12dB, +18dB
Shutter	Electronic shutter, variable 0-100%
Sync	Internal or Genlock to BlackBurst / Tri-Level Sync
Output Signals	HD-SDI (SMPTE-292M) SDI (SMPTE-259M)
Remote Control	RS-485
Power	9-32 V DC, 3W
Weight	182 g
Dimensions	35.5 x 38 x 111.5 mm

Universal accessory mounts with M4 screws. Tripod adapters etc.
on demand.

Features and specifications subject to change without notice.



For further Information please contact:

WIGE MEDIA AG

Am Coloneum 2
D-50829 Cologne

t +49 [0] 221_7 88 77_627

f +49 [0] 221_7 88 77_629

cunima@wige.de

www.wige.de

in cooperation with
Frauenhofer Institute for Integrated Circuits