



CUNIMA powered by
WIGE MEDIA AG

DISTRIBUTOR PROGRAMM



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Competencies that complement each other



WIGE MEDIA AG COMPETENCIES THAT COMPLEMENT EACH OTHER



WIGE MEDIA AG OFFERS THE FOLLOWING

- TV productions in the area of sports and shows
- Graphics and data services
- Event services
- Internal TV editorial team
- Marketing over worldwide network
- Full service across the entire production chain



The CUNIMA MCU camera developed jointly with the Fraunhofer Institute for Integrated Circuits, ensure exciting events are converted perfectly into emotional pictures. Still, this unit represents just a small segment of the globally active media services provider. The unit is embedded in the portfolio of a full service provider for TV sports and event productions.

For outside broadcasts, WIGE MEDIA AG has one of the most modern technology pools in Europe. From broadcasts in classical SD format right through to HD projects with surround-sound, WIGE realizes productions of any size. In the RF & Special Camera Solutions division you find innovative technology, such as wireless transmission systems and specialist mobile technology, focused on the individual requirements of each customer.

“WIGE MEDIA AG has been producing television pictures of the highest quality for DTM for many years, always relying on innovative technology and the latest standards.”

Hans-Werner Aufrecht
Chairman of the DTM organizer ITR e. V.

Our team, where enthusiasm and motivation meet with specialist knowledge and expert know-how, also contributes to this success. Be it a TV technician, producer or a marketing specialist – service for the customer is always at the forefront.

Another important area in the portfolio of WIGE MEDIA AG is postproduction, which is home to one of the largest broadcaster independent editorial sports departments in Europe. Be it football, motor or winter sport, a 30-second high-light, news feed or an entire sports program, WIGE editors deliver productions that are perfectly tailored for every TV format. Incidentally, this naturally also includes the internet. After all, spectacular pictures, paired with reliably researched content, are a recipe for good cross platform ratings.

Specific TV and event services complete the portfolio: Using time interval measuring and graphics systems, data services and event technology, the experts from WIGE ensure that all important elements of an event can be networked and consequently result in a perfect event.





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CUNIMA MCU



CUNIMA 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. (linear, REC 709), User defined Gamma.
- Universal remote control via RS-25485.
- Automatic Gain Control (AGC).
- Modular and flexible accessories.

CUNIMA – 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 CUNIMA represents a truly flexible and uncomplicated production tool.

CUNIMA is your perfect partner for sports, entertainment show, reality – you name it!

The CUNIMA'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.

OUR CAMERA FEATURES FOLLOWING CHARACTERISTICS

- Compact Design
- No external Camera Control Unit (CCU) required (no delay while processing)
- 2/3" CMOS Single Chip
- Multi format scanning system
- Native HD and SD 16:9 (Real full HD resolution 1920 x 1080)
- Automatic Gain control (AGC) (4-5 aperture range)
- Auto White Balance (AWB)
- Detailfilter
- Separate adjustable Black Level colours
- Separate adjustable White Level colours
- 4:4:4 Raw Modus possible [images with a more comprehensive dynamic range and an uncompressed 12 Bit color space (postproduction and big storage capacity is essential in this application, e.g. for compositing, keying and special effects in general)]
- Only 3 Watt of power consumption
- Modular and flexible accessories
- 3D applications

Furthermore we offer workflow and integration consultancy and experienced support.

Please find attached our spec-sheet for technical details and a pricelist of our camera.

Each camera will be delivered in a case including

- 1x CUNIMA MCU HD camera
- 1x Power Supply CUNIMA MCU
- 1x Device Cable for Power Supply
- 1x Adaptor Fischer to XLR 7-pole (connection camera to power supply)
- 1x Adaptor Serial to USB (connection camera/power supply to Laptop)
- 1x Set Up CD (including short manual and control software for Win)



Technical specifications CUNIMA MCU



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TECHNICAL DETAILS



	CUNIMA MCU[1]	CUNIMA MCU[2]	
Image Sensor	Sensor type: 35 2/3" CMOS Chip 1920 x 1080 pixel	Sensor type: 35 2/3" CMOS Chip 1920 x 1080 pixel,	Sensor type: 45 2/3" CMOS Chip 2112 x 1188 pixel
FPN-Correction	manual	manual	automatic
Lens Mount	C-Mount		
	other mounts on demand (PL ,F ,B4)		
	interchangeable glass filters , adjustable back-fokus		
Lens Control		optional motor drives for Iris, Zoom and Focus	
Scanning Systems	1080 /23.98, 24, 25, 29.97, 30 Hz 1080i/50, 59.94, 60 Hz 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 Full uncompressed 12 Bit RAW (4:4:4)		
	* native SD-format, w/o down-conversion		2k D-Cinema
Gamma	Linear, REC 709, Manual adjustment		
White/Black Balance, Saturation	Manual adjustment, Automatic White Balance		
Gain	Automatic Gain Control (AGC), user-definable gain -9dB, -6dB, -3dB, 0dB, +3dB, +6dB, +12dB		
Shutter	Electronic shutter, variable 0-100%		
Sync	Genlock to HD-SDI	Internal, HD-SDI, Tri-Level, Bi-Level	
Output Signals	HD-SDI (SMPTE-292M) SDI (SMPTE-259M)		
Remote Control	RS-485, Software (Win), Hardware RCP optional		
Power	129-32 V DC, 3W	12-32 V DC, 3W	
Weight	182 g	200 g	
Dimensions	35.5 x 38 x 111.5 mm	35.5 x 35.5 x 111.5 mm	



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BULLET POINTS



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- 4:4:4 Raw Modus possible [images with a more comprehensive dynamic range and an uncompressed 12 Bit color space (postproduction and big storage capacity is essential in this application, e.g. for compositing, keying and special effects in general)]
- Only 3 Watt of power consumption
- Modular and flexible accessories
- 3D applications

Support

- Workflow consulting
- Experienced support
- Cooperation with:
 - 3ality digital (3D production company)
 - Mikrom
 - Transvideo
 - Stereotec



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LIST OF REFERENCES



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Some of our references are (extract):

Onboard camera:

- German Touring Car Championship DTM (since 2007)
- International Luge Federation (FIL) (first live transmission of an onboard)



Goalcam:

- Soccer (many matches in German Bundesliga, UEFA Cup, Champions League)
- Ice Hockey (German Ice Hockey League DEL)



Point of view cam:

- 4Hills tournament 2008 & 2009



3D (Stereography):

- NFL San Diego Chargers vs. Oakland Raiders Live 3D coverage
- Concert of the US Rock Band "Rush"





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PRICELIST WIGE MEDIA AG

standard decives – July 2009



Pricelist CUNIMA MCU

MCU[1]

Micro HD Camera Unit

1920x1080, Full HD native, single-chip CMOS 2/3 inch
manual pattern noise correction
shipping: on stock / several days

Recommended retail price

12.500,- €



MCU[2]

Micro HD Camera Unit 4562

up to 2k or Full HD native, single-chip CMOS 2/3 inch,
Master/Slave configuration, automatic pattern noise correction
upgrade option H.264 flash recorder onBoard

Recommended retail price

16.000 €

shipping: 12 weeks / demonstration units available



Remote Control Panel - RCP [4]

Mobile mini remote camera panel to control up to 4 cameras,
controlable both from ob van and right from the position of the camera.

Recommended retail price
1.950 €

shipping: on stock / several days



OB Van Control - RCP [64]

Remote Control Panel to control up to 60 cameras.
The RCP[64] is prepared for installation in an ob van.

Recommended retail price
9.800 €

shipping: on stock / several days

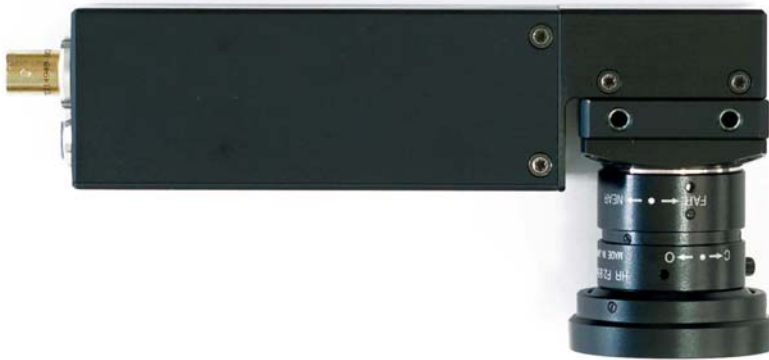


Recommended retail price

Corner Head – Option

Optional: Changes the CUNIMA shoot angle to 90 degree.

+ 1400,-€(single)
+ not announced (5+)



CUNIMA MCU[2] - H.264 Recorder update

Extends the possibilities of the CUNIMA MCU[2] with a H.264 Flash-card recorder. 7-20 MBit up to 8hrs recording time on 32GB cards inside the cameras. No external CCU needed.

not announced



3D bundle "Basic"

	Qty	
MCU[2]		
Micro HD Camera Unit up to 2k or Full HD native, single-chip CMOS2/3 inch, Master/Slave configuration, automatic pattern noise correction, upgrade option H.264 flash recorder onBoard.	2x	32.000,- €

shipping: 12 weeks

We recommend:

[Stereotec 3D Rig](#)

- 17 cm interaxial
- Interaxial control with high quality electronic counter
- fine adjustment and high quality electronic counter
- tilting module for camera fine adjustment tilt
- tilting module for camera fine adjustment roll

1x

5.900,- €

shipping: 5 weeks

We recommend:

[Transvideo Stereoscreen](#)

6inch, HD 720p and 1980i/p,
Color, BIW, Anaglyph
Especially for Digital Cinematography

1x

6.600,- €

shipping: 5 weeks

Total: 44.500,- €