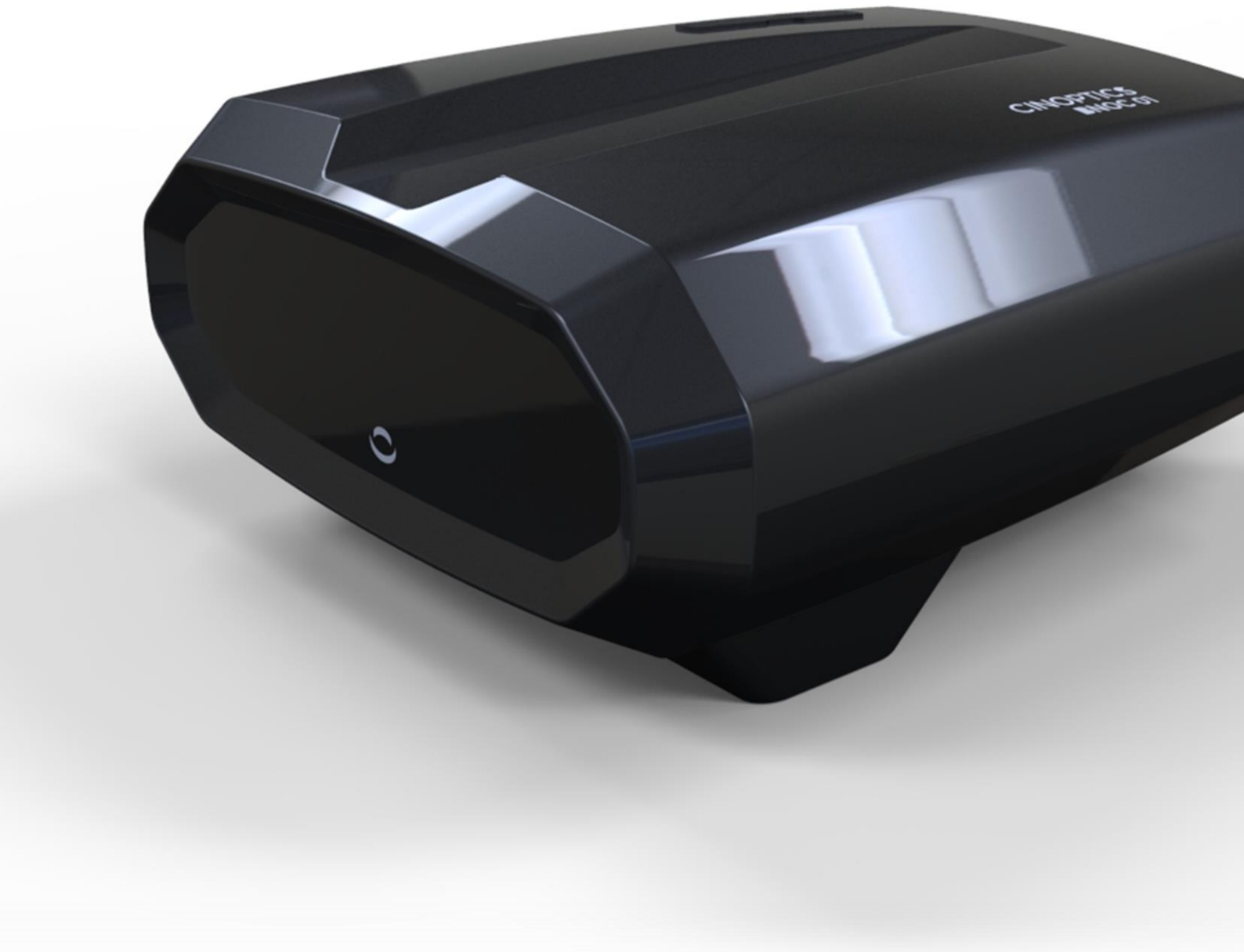
CINOPTICS



ARGON

ARGON: Simulated Virtual Binoculars

ARGON is Cinoptics' Simulated Virtual Binocular for professional Virtual and Augmented Reality applications. ARGON experiments with variable input in a fast and convenient way. Its high quality optics and high resolution makes it the ideal tool for research and training. The strong and durable design allows seamless integration of various precision trackers and customization.

Specifications*:

Optical			
Field of view	56° Circular	Response time	0.1ms
IPD adjustment	57-75mm	Active area	0.88inch
Dioptric adjustment	-4 to +4	Eye relief	12mm
Focus	Infinity	Light sources	LED
Display		**HMD**	
Display technology	FLCoS	Interfaces	2x DP
Number of displays	2		1x USB
3D capable	Yes		1x Power
Resolution	1280 x 1024	Audio	No
Aspect Ratio	5:4	Control	Yes (USB)
Refresh rate	60 - 85Hz	Camera	Optional
Color depth	24bit 8bpp	Head tracking	Optional
Brightness	0 to 65ft-L	Weight	<1 kg
Contrast ratio	300:1		
Display diameter	22.4mm (0.88")	**Power**	
Total pixels	1.310.720	Input power	12V
Pixel pitch	13.62µm x 13.62µm	Power	7,5W

***Specifications are subject to change without prior notice**

About Cinoptics

Cinoptics defines, designs and manufactures electronic optic systems for integration in Virtual and Augmented Reality applications. Cinoptics offers a clear perspective on complex technologies. Due to our experience, vision and extensive network we can transform specific needs into tangible results.

Contact:

Cinoptics
Main Office and R&D Center
Oxfordlaan 70 [BioPartner Center]
6229 EV MAASTRICHT
The Netherlands

T: +31(0)43-36 18 300
F: +31(0)43-36 18 394
info@cinoptics.com
www.cinoptics.com