





ARGON: Simulated Virtual Binoculars

ARGON is Cinoptics Simulated Virtual Binocular for professional Virtual and Augmented Reality applications that requires the best in the Industry. ARGON experiments with variable input in a fast and convenient way. Its high quality optics and high resolution makes it the ideal tool for Training & Simulation and Research. All the electronics are integrated into the strong and durable design, whilst stilling allowing for the seamless integration of various precision trackers and customization.

Specifications*:

Optical

Field of view	56° Circular (Optional 40° Circular)
IPD adjustment	56-74mm
Dioptric adjustment	-4 to +4

Display

Display technology	FLCoS
Number of displays	2
3D capable	Yes
Resolution	1280 x 1024
Aspect Ratio	5:4
Refresh rate	60 - 85Hz
Color depth	24bit 8bpp
Brightness	0 to 45FL
Contrast ratio	300:1
Display diameter	22.4mm (0.88")
Total pixels	1.310.720
Pixel pitch	13.62µm x 13.62µm

HMD

Interfaces	2x DP 1x USB 1x Power
Audio	No
Control	Yes (USB)
Camera	Optional
Tracking	Optional
Weight	TBD
Power	7.5W
Input power	12V
Output sources	+12V - 5.42A

*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:

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